User Manual

G801E

Version 1.1

Revision Record

Version	Date	Author	Firmware Version	Applicability
V1.0	2013-07-22	Chen Jianjun	V1.0	The initial version(lack of the panel pictures)
V1.1	2013-11-08	Zhao Min Liu Zhongxia	V3.05(201311061457)	The second edition, update based on the new firmware.

Table of Contents

1.Preamble..... 1
1.1 Package Contents..... 1
2.Indicators and Connectors..... 2
2.1 LED Indicators..... 2
2.2 Hardware Installation..... 2
3. IVR(Interactive Voice Response)..... 4
3.1 The method of configuring a home gateway..... 4
3.2 Start IVR..... 4
3.3 IVR description..... 4
3.4 Notice..... 7
4. G801E webpage settings..... 8
4.1 Login WEB page..... 8
4.1.1 URL format..... 8
4.1.2 About Passwords..... 8
4.2 WEB Page..... 9
5 .Configure from web..... 10
5.1 Status..... 10
5.1.1 System Information..... 10
5.1.2 System Log..... 11
5.2 Network..... 12
5.2.1 WAN..... 12
5.2.2 LAN..... 17
5.2.3 VPN..... 18
5.2.4 Advance..... 19
5.2.5 Port Setting..... 19
5.2.6 Multi WAN Setting..... 20
5.2.7 QoS..... 20
5.2.8 Static Routing Settings..... 21
5.3 Wireless..... 22
5.3.1 Basic..... 22
5.3.2 Wireless Security Setting..... 23
5.3.3 Wi-Fi MultiMedia..... 26
5.3.4 Wi-Fi Protected Setup (WPS)..... 26
5.3.5 Wireless Client..... 28
5.3.6 Advance Wireless..... 29
5.4 VOIP..... 30
5.4.1 Line 1..... 30
5.4.2 SIP setting..... 35
5.4.3 QoS..... 35
5.5 Phone..... 36
5.5.1 Preferences..... 36

5.5.2 Dial Plan....39
5.5.3 Call Log....41
5.6 Administration....43
5.6.1 Management....43
5.6.2 Firmware Upgrade....47
5.6.3 TR069....47
5.7 Security....48
5.7.1 Filter setting....49
5.7.2 DMZ....50
5.7.3 MAC Clone....50
5.7.4 Port forward....51
5.7.5 Content Filtering....52
5.8 Apply....53
5.8.1 Senior Nat....53
5.8.2 UPnP....53
5.8.3 IGMP....54
5.8.4 MLD....54
5.8.5 DDNS....55
5.9 Diagnosis....55
5.9.1 Ping test....55
5.9.2Traceroute Test....56
5.10 Storage....56
5.10.1 User Management....56
5.10.2 Disk....57
5.10.3 FTP Setting....58
5.10.4 Smb Setting....59

1.Preamble

Thank you for choosing G801E VOIP home gateway products. G801E home gateway is a highly integrated access device, and it is a kind of high-end multi-in-one gateway product which based on IEEE802.11n standard. This product is for individual users, SOHO (Small Office or Home Office) and small enterprises to provide high-performance access. It provides a wide range of management functions, can provide dhcp, dmz host, virtual servers, firewalls etc. management; also it is able to set up the internal LAN, allowing multiple computers to share a single broadband line and ISP account; its specific firewall feature, can filter bad sites; also it supports disabling SSID broadcast mode, user can prevent AP broadcast the SSID, which can solve the leaks caused by SSID broadcast; G801E supports 64/ 28 WEP wireless data encryption to ensure the security of data transmission in a wireless network; it supports DHCP servers and dynamic/static routing; and it supports access control, the network administrator can control all the computer in the LAN access to the Internet through a router; supports virtual server and dmz host to meet specific application needs; it supports remote management and system logs, which brings large convenience for the network administrator to realize network management and real-time monitoring; and G801E also supports UpNp, voice and video transmission, online audio and video transmission, online games and other rich features.

1.1 Package Contents

One G801E package contains:

◆ One G801E VoIP home gateway

◆ One power adapter

◆ One Ethernet cable

◆ One telephone line

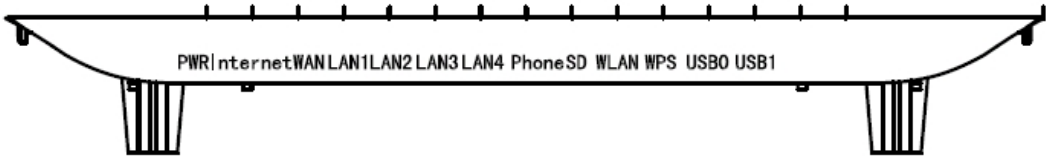
If the above device or accessory is damaged or lost, please contact with your reseller for replacement.

2.Indicators and Connectors

Before you use the high speed home gateway G801E, please get acquainted with the LED indicators and connectors first.

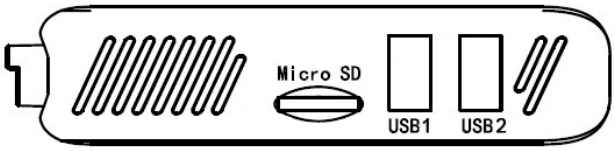
2.1 LED Indicators

(1) The front panel

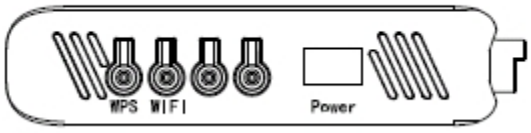


（2）The rear panel

（3）The left side panel



（4）The right side panel



2.2 Hardware Installation

Before starting to configure the router, you have to connect your devices correctly.

Step 1.Connect Line port to land line jack with a RJ-11 cable.

Step 2.Connect the WAN port to a modem or switch or router or Internet with an Ethernet cable.

Step 3.Connect one port of 4 LAN ports to your computer with a RJ-45 cable. This device allows

you to connect 4 PCs directly.

Step 4.Connect one end of the power cord to the power port of this device. Connect the other end to the wall outlet of electricity.

Step 5.Push the ON/OFF button to power on the router.

Step 6.Check the Power and WAN, LAN LEDs to assure network connections.

Warning: Please do not attempt to use other different power adapter or cut off power supply during configuration or updating the G801E VoIP home gateway. Using other power adapter may damage G801E and will void the manufacturer warranty.

3. IVR(Interactive Voice Response)

3.1 The method of configuring a home gateway

G801E can be configured three ways, as follows:

(1)Use IVR

(2)Use Web

(3)Use Provision

3.2 Start IVR

Customer can use the IVR function by referring to the following steps：

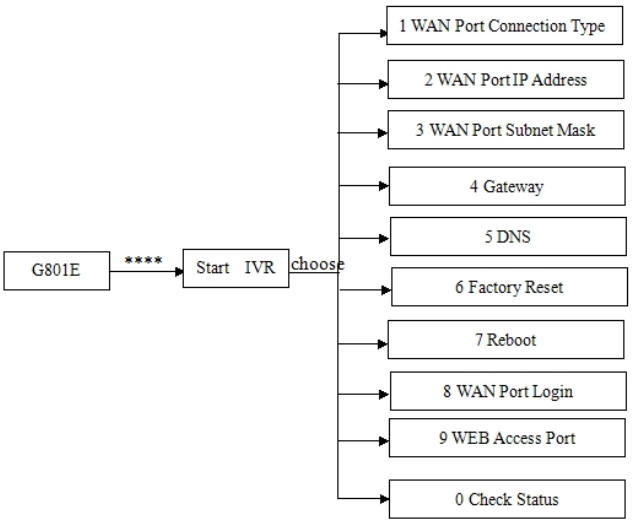
(1) Connect analog phone to G801E's phone port, and connect the device well, off-hook and press the "****" key to start the IVR, then the user will hear a voice prompt device "**Please enter your option, one WAN Port .....**".

(2) Depending on the options, press any number among 0-9, the device will broadcast the corresponding contents, numbers 0-9 represent specific contents, see the chart below.

(3) Each time after set successfully, the device will again play "**Please enter your option, one WAN Port .....**"

3.3 IVR description

The chart below lists the IVR requirements and detailed descriptions:



Operation Code	Contents
1	1) Pick up the phone and press "****" key to start the IVR; 2) Select "1", then the device will broadcast the current **WAN port connection type**; 3) To change the WAN port network connection type, users hear "Please enter password" and enter the correct password, and end with "**#**" ; ◆ The IVR password is the same as the one of WEB login, the user simply press the corresponding key, and the matching table is the **3.4 Notice**. ◆ For example: WEB page login password is "admin", the IVR password is "admin" too, the user enters "23646" and then can start to set the WAN port network connection type. 4) If you enter the correct password, the device broadcast "**operation successful**"; 5) To select the new WAN port network connection type, 1 represents the DHCP, 2 for the Static IP, please input number ends with"#". 6) When the device broadcast "**operation successful**", this means that the user has successfully set up the connection type of WAN port， The equipment will broadcast "**Please enter your option, one WAN Port ……**" again. ◆**Note**: add '**#**'to assume after input password and select new WAN port connection type. ◆If you want to quit the setup, please press the "* *" button.
2	1) Pick up the phone and press the "* * * *" key to start the IVR; 2) Press "2", and then device will broadcast the current **WAN Port IP Address**; 3) Enter the IP address of the new WAN port, and ends with a "#"; ◆ please use "*" to replace ". ", for example, the user can enter 192 * 168 * 20*168 to set up the new IP address for 192.168.20.168 WAN port. ◆ When enter the new IP address please ends with a "#". 4) If user has set up correctly, the device will broadcast "**operation successful**". **Note:** if user need to exit the setup, please press the "* *" button.
3	1)Pick up the phone and press the "* * * *" key to start the IVR; 2) Select "3", the equipment will broadcast the **WAN port subnet mask**; 3) Enter the new WAN port subnet mask, and ends with a "#"; ◆ please use "*" to replace ". ", for example, the user can enter 255 * 255 * 255 * 0 to set up the new subnet mask for the WAN port 255.255.255.0. ◆Mixer type a new subnet mask when you ended up with"#". 4) If the user has set up new subnet mask correctly, the device will broadcast "**operation successful**". **Note**: if user need to exit the setup, please press the "* *" button.
4	1) Pick up the phone and press the "* * * *" key to start the IVR; 2) Select "4", the equipment will broadcast the gateway; 3) Input the new gateway address and end with char '#'; ◆please use "*"to replace". ", for example, the user can enter 192 * 168 * 20*1 to set the new address of gateway to 192.168.20.1. ◆when enter the new gateway address please ends with"#". 4) If the user has set up correctly, the device will broadcast "**operation successful**". **Note**: if user need to exit the setup, please press the "* *" button.

5	1) Pick up the phone and press the "* * * *" key to start the IVR; 2) select "5", the equipment will broadcast the current **DNS**; 3) enter the new DNS address and ends with a "#"; ◆please use "*" to replace ". ", for example, the user can enter 192 * 168 * 20*1 to set up the new DNS for 192.168.20.1. ◆when enter the new DNS please ends with a "#" 4) If the user set up correctly, the device will broadcast "**operation successful**". **Note**: if users need to exit the setup, please press the "* *" button.
6	1) hook off and press "****" key to start the IVR; 2) Select "6", the device will broadcast "Factory reset"; 3) User hears the machine report "**Please enter password**", the method of inputting password is the same as operation 1; ◆If user need to quit, press the "*" key. 4) If the user enters the correct password, the device will broadcast "**operation successful**", then the device settings are restored to factory condition; 5) Press "7" to reboot the device to make the changes take effect.
7	1) Hook off and press "****" key to start the IVR; 2) Select the "7", the device will broadcast "Reboot '"; 3) User hears the device report "**Please enter password**", the method of inputting password is the same as operation 1; 4) If the user inputs the correct password, the device will automatically restart. ◆ To exit, press the "*" key.
8	1) Pick up the phone and press "****" key to start the IVR; 2) Select "8", the device will broadcast "WAN Port Login"; 3) User hears the machine report "**Please enter password**", the method of inputting password is the same as operation 1; ◆ To exit, press the "*" key. 4) If the user enters the correct password, the device will broadcast "**Operation successful**" 5) Equipment broadcasts"**1enable 2disable**", choose one or two, and end with "#"; 6) If the settings are correct, the device will broadcast "Operation successful".
9	1) Pick up the phone and press "****" key to start the IVR; 2) Select the "9", the device will broadcast "**WEB Access Port**"; 3)User hears the machine report "**Please enter password**", the method of inputting password is the same as operation 1; 4) If the user enters the correct password, the device will broadcast "**Operation successful**"; 5) The equipment broadcasts the current "**WEB Access Por**t"; 6) Enter the new **WEB access port** number, and end with "#"; 7) After set successfully, the device will broadcast "**Operation successful**".
0	1)Pick up the phone and press "****" key to start the IVR; 2) Select "0", the device will broadcast the current "**Firmware version**".

3.4 Notice

◆ In the voice menu, press "*"(star) to return to the up level menu.

◆ After configure some functions; restart the phone to make the change to take effect.

◆ Each time you enter the IP address or subnet mask, please use the "*" to replace " .", and end with"# ", for example, if you want to set the IP address is 192.168.1.11 , enter 192 * 168 * 1 * 11 # .

◆ You can enter the password by phone keypad, the matching table between number and letters as follows:

♦ User to enter A, B, C, a, b, c, press the number "2”;

♦ To enter D, E, F, d, e, f, press the number "3”;

♦ To enter G, H, I, g, h, i, press the number "4”;

♦ TO enter J, K, L, j, k, l, press the number "5”;

♦ To enter M, N, O, m, n, o, press the number "6”;

♦ To enter P, Q, R, S, p, q, r, s, please press the number "7”;

♦ To enter T, U, V, t, u, v, press the number "8”;

♦To enter W, X, Y, Z, w, x, y, z, press the number "9”;

◆ Each time you finish entering the IP address or subnet mask, enter "#" indicates the end of input;

◆ When the WAN port network address type is set to static IP mode, the user needs to set the IP address, subnet mask and default gateway; If set the device to work in DHCP mode, please make sure that DHCP Server is available in your exiting broadband connection to which WAN port of G801E is connected.

4. G801E webpage settings

4.1 Login WEB page

G801E has an embedded Web server that will respond to HTTP get/post requests. User can use a Web browser like Microsoft's IE to login and then configure IP601.

4.1.1 URL format

Login web page URL format: http://WAN port IP address, for example, if your home gateway's WAN port IP address is 192.168.20.199, please enter in the address bar, enter the appropriate address, and then the page will go to the device's login page, as shown below:

Note: The user can get the WAN port IP address using IVR.

4.1.2 About Passwords

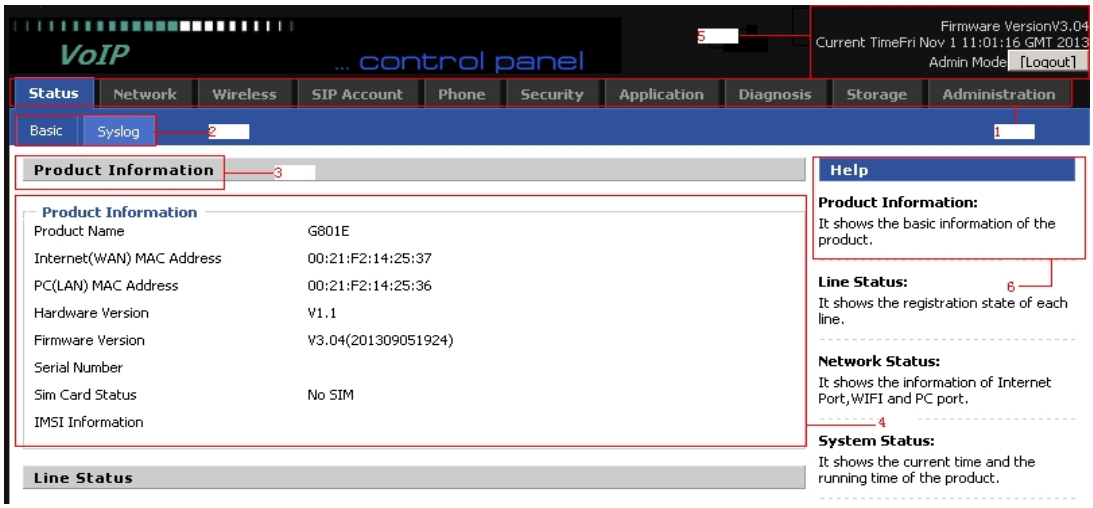
G801E two log levels, namely administrator level and general user level, different standards have different passwords.

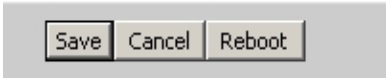
General level user can browse and configure some parameters; and administrator level user can configure all other parameters.

G801E's default administrative level username and password: admin/admin

G801E's default general user login username and password: user/user

4.2 WEB Page



Number	Name	Description
1	navigation bar	Click navigation bar, many sub-navigation bar will appear in the place 2.
2	sub-navigation bar	Click sub-navigation bar to enter to configuration webpage
3	configuration title	The configuration title
4	configuration bars	The configuration bars
5	Device Information	Display the firmware version, DSP version, Current Time, and login mode. Press **Logout** button to logout.
6	Help	Display the main information of configuration; user can get help from it directly.
		
	Every time making some changes, user should press the button to confirm and save the changes. After pressing the button, the red notice Please REBOOT to make the changes effective! will appear to notice user to reboot.	
	To cancel the changes	
	Press it to reboot G801E	

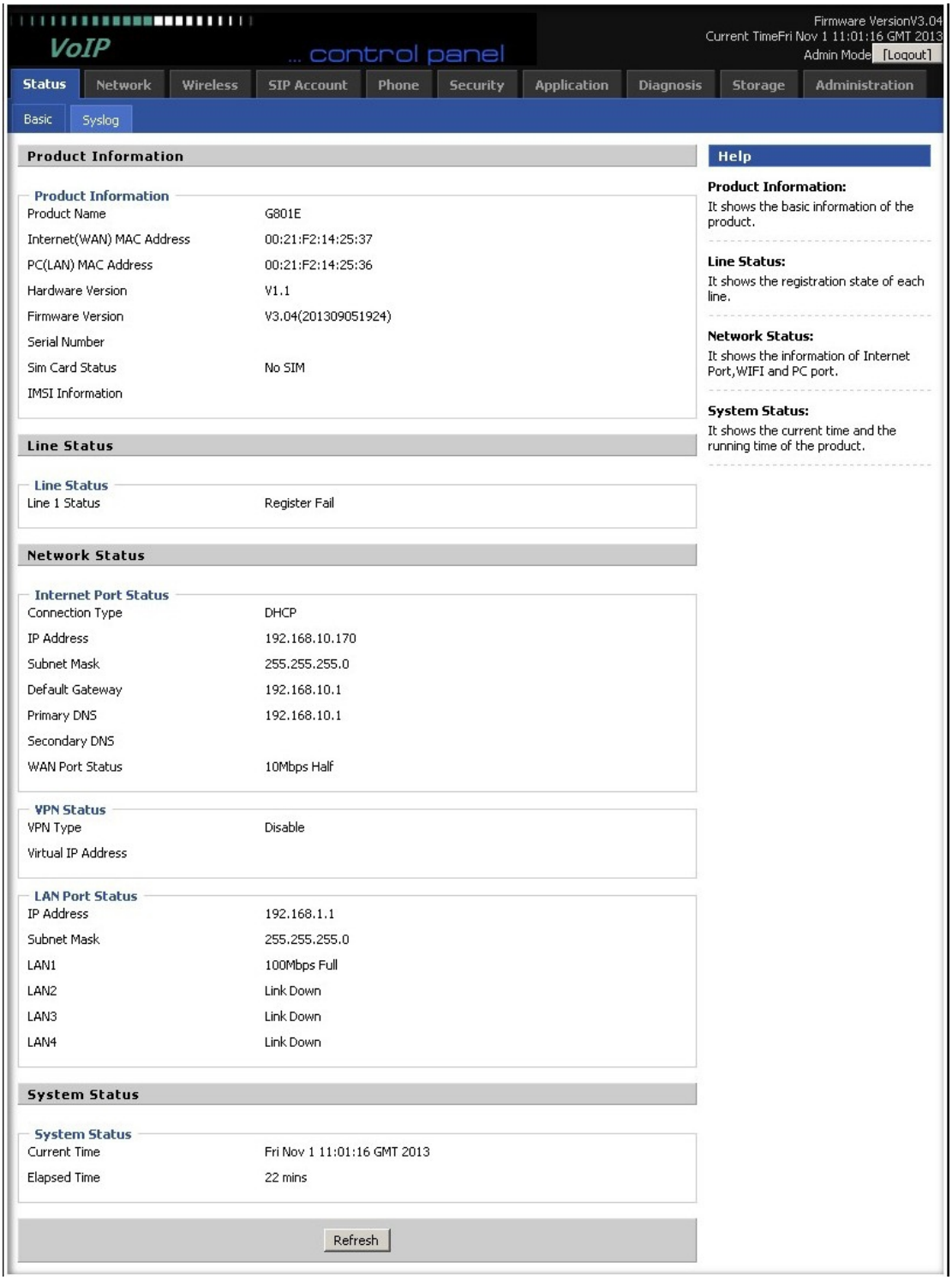
5 .Configure from web

5.1 Status

On this page, users can view the G801E system information and system log information. It is the first page which user will see firstly after login to WEB.

5.1.1 System Information

On this page, user can view the product information of G801E, SIP account status, network status and system status.

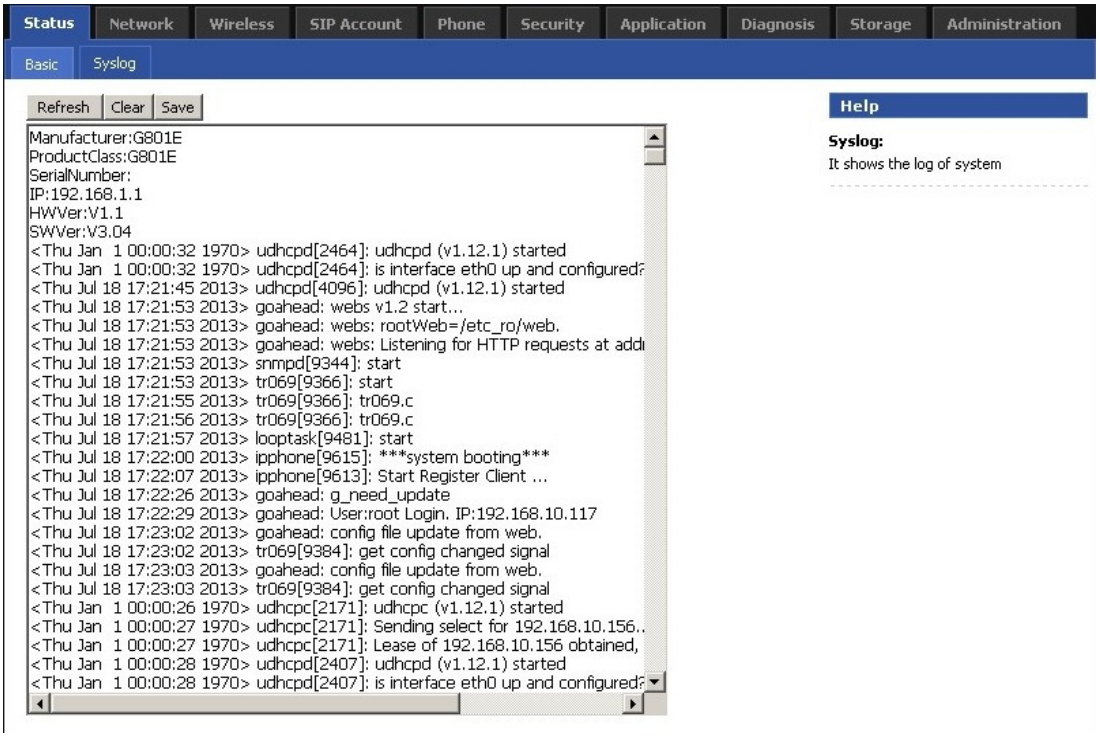


5.1.2 System Log

In this configuration page, the user can view the system log, G801E system recordings contains important configuration information.

On this page, users can click the corresponding button to refresh, remove and save the relevant

system information.

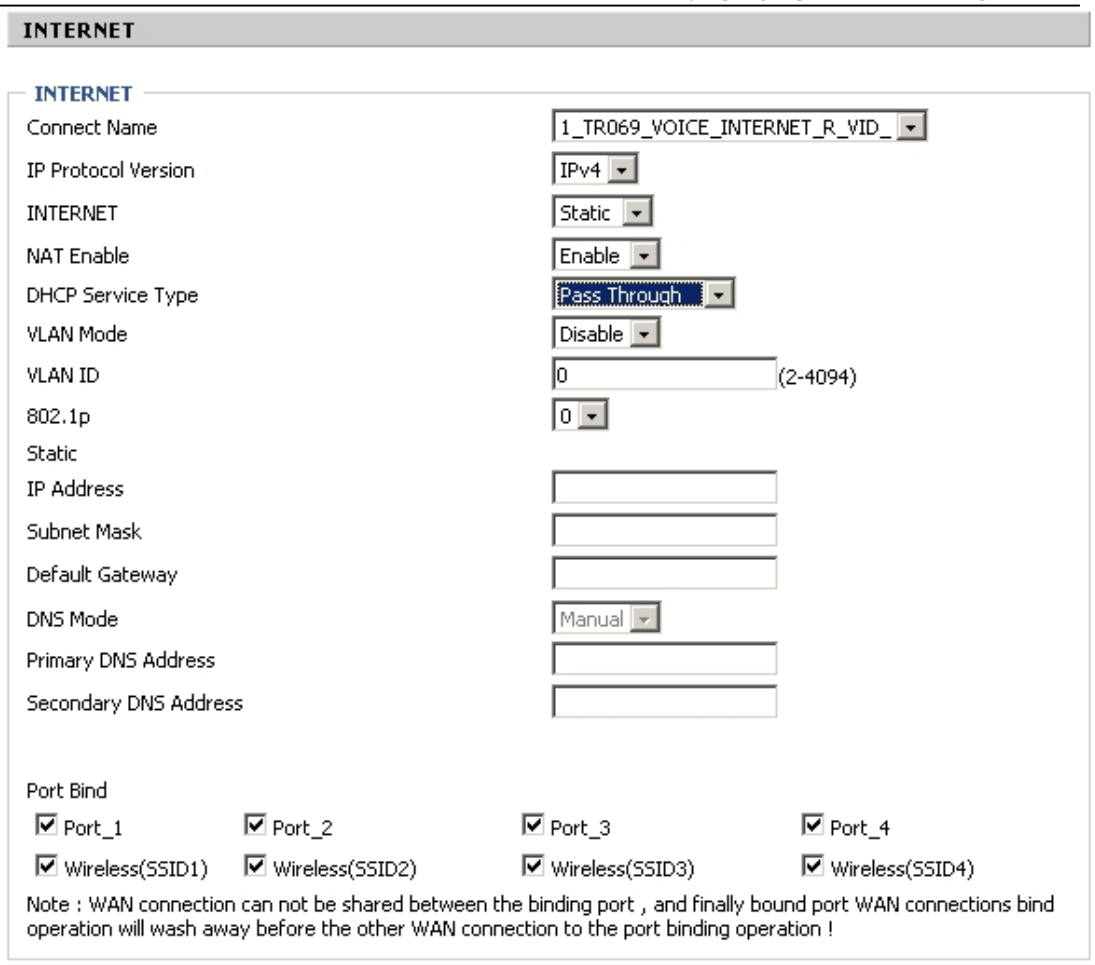


5.2 Network

5.2.1 WAN

1) Static:

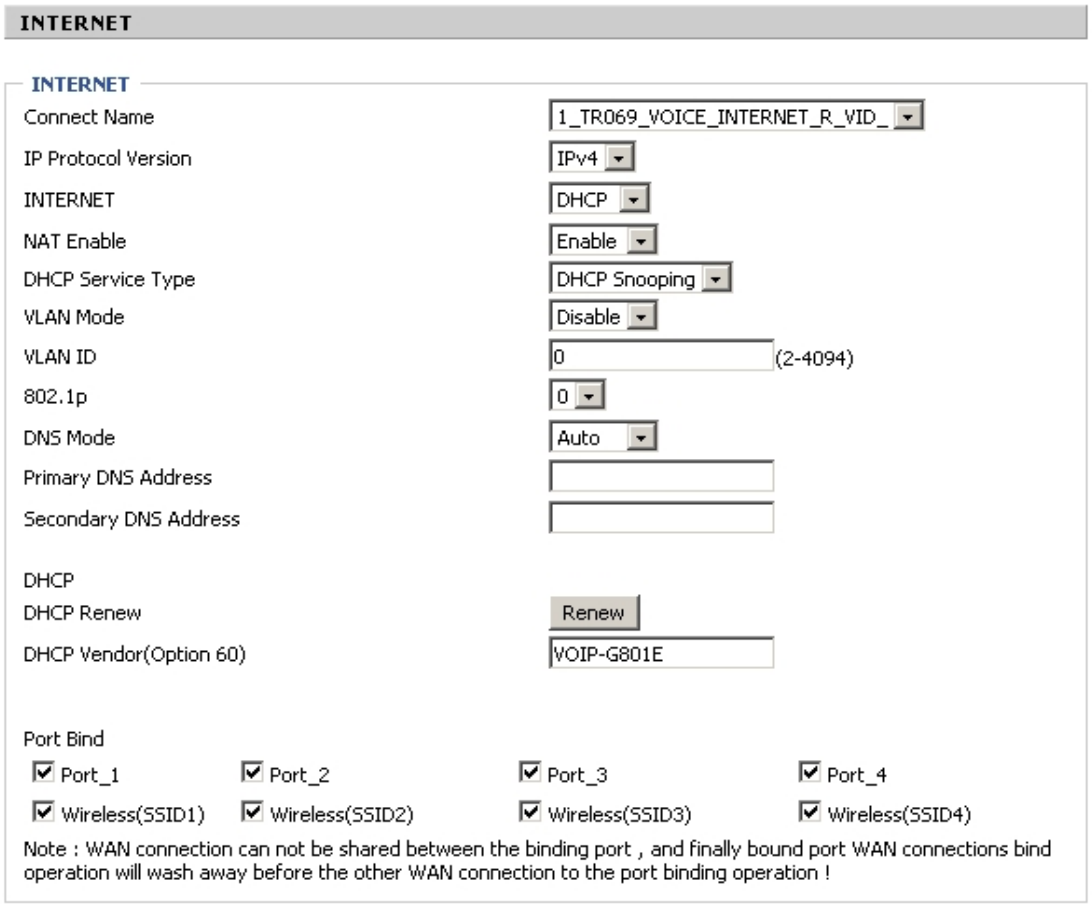
In static mode, user should fill in the values of IP Address, Subnet Mask, Default Gateway, Primary DNS and Second DNS.



Field Name	Description
Connect Name	Use keywords to indicate WAN port service model (the parameters are defined in Network--> multi-WAN page)
IP Protocol Version	Temporarily only one IPv4 option
Internet	Choose Static IP.
NAT Enable	This requires multi-WAN port Page settings, please refer to **5.2.7**
DHCP Service Type	Options are "pass through" "Snooping" and "the native service"
VLAN Mode	This requires multi-WAN port Page settings, please refer to **5.2.7**
VLAN ID	This requires multi-WAN port Page settings, please refer to **5.2.7**
IP Address	The IP address of Internet port
Subnet Mask	The subnet mask of Internet port.
Default Gateway	The default gateway of Internet port.
DNS Mode	Here is not optional options
Primary DNS Address	The primary DNS of Internet port.

Second DNS Address	The second DNS of Internet port.
Port Bind	With the corresponding port 1 to port 4, SSID1 ~ SSID4 binding

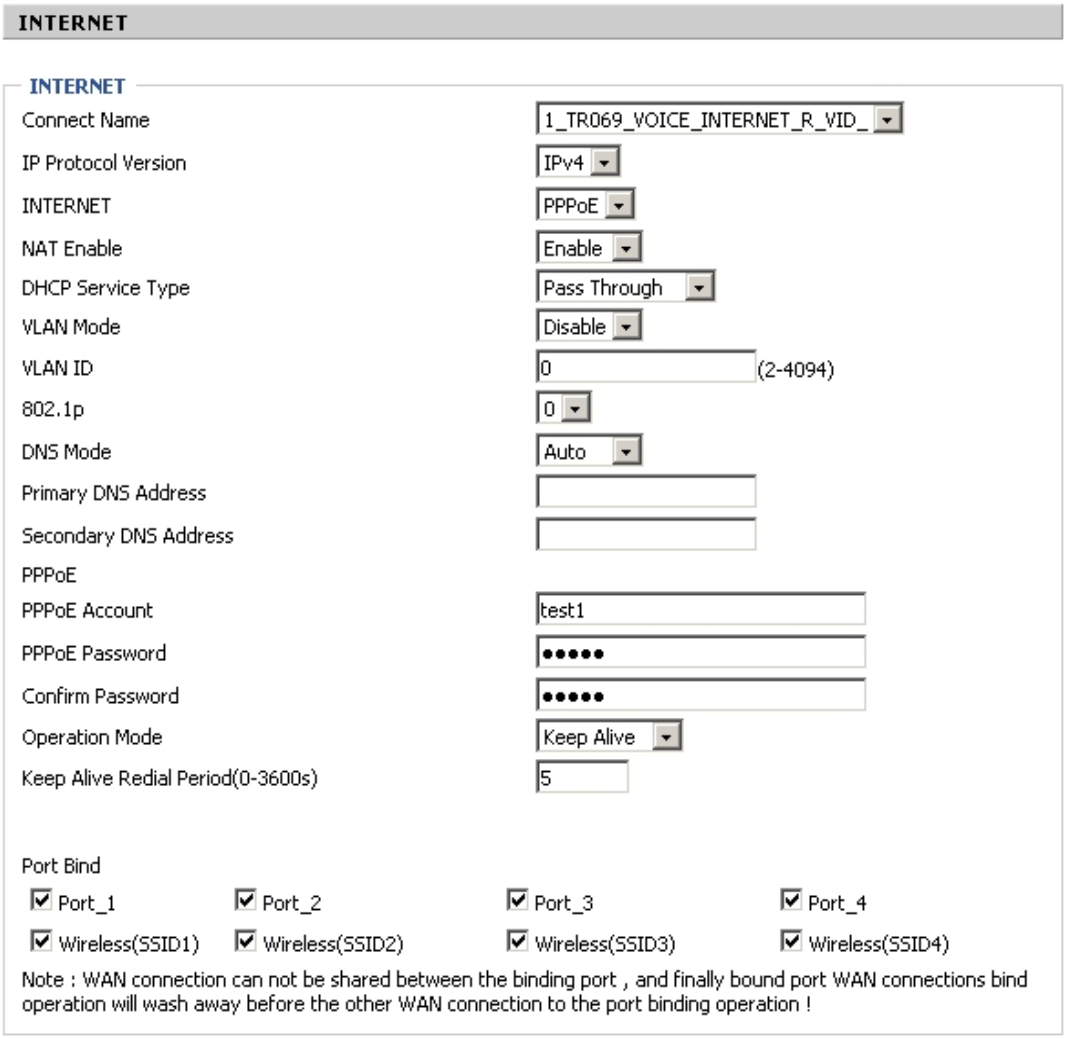
2） DHCP Mode



Field Name	Description
Connect Name	Use keywords to indicate WAN1-WAN5 port service model(the parameters are defined in Network--> multi-WAN page)
IP Protocol Version	Temporarily only one IPv4 option
Internet	Choose DHCP
DNS Mode	From the automatic mode is selected and specify two DNS type. ♦ DNS type to Automatic, the home gateway from the DHCP server automatically obtain the preferred DNS and alternate DNS. ♦ DNS type is specified, the user should manually configure the preferred DNS and alternate DNS.
Primary DNS Address	The primary DNS of Internet port.
Second DNS Address	The second DNS of Internet port.
DHCP Renew	Refresh DHCP IP

DHCP Vendor(Option60)	Specify DHCP Vendor field Display the vendor and product name
Port Bind	With the corresponding port 1 to port 4, SSID1 ~ SSID4 binding

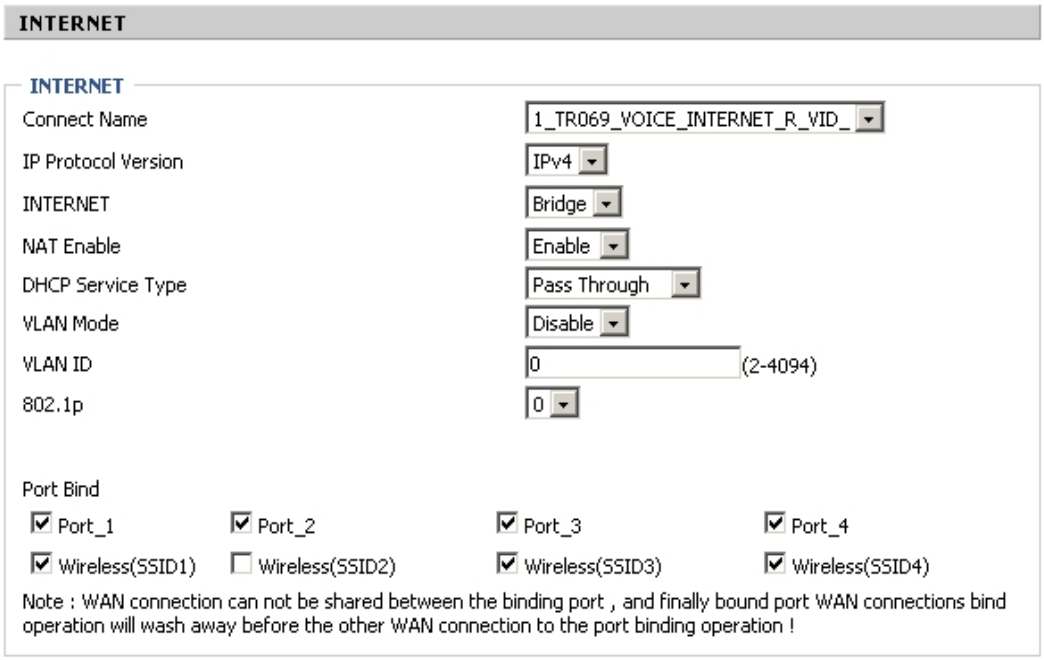
3）PPPOE Mode



Field Name	Description
Connect Name	Use keywords to indicate the WAN1~WAN5 service mode (set relevant parameters in the WAN port settings page)
IP Protocol Version	Currently, only one IPv4 option
INTERNET	Choose PPPoE.
PPPoE Account	Assign a specific valid user name provided by the ISP
PPPoE Password	Assign a valid password provided by the ISP
Confirm Password	Enter your PPPoE password again
Operation Mode	From the Keep Alive, On Demand and Manual three ways to select the mode of operation:

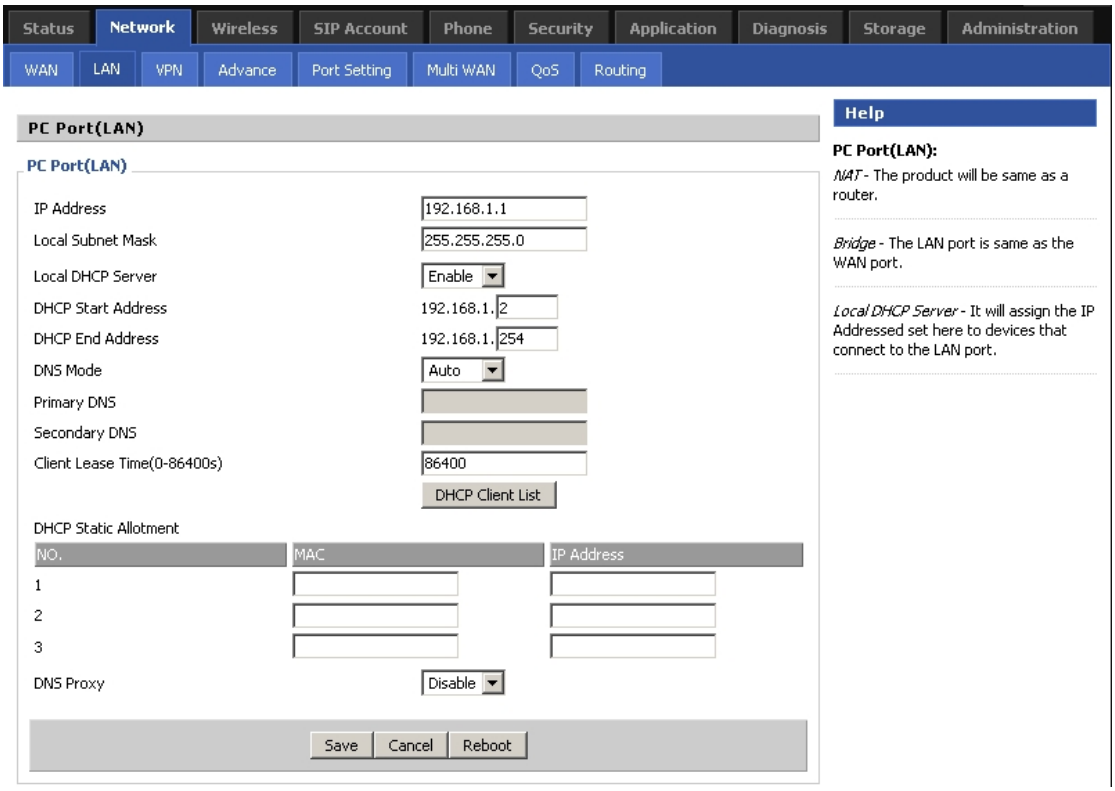
	♦ When the mode as Keep Alive, users need to set the 'keep alive redial period' values range from 0 to 3600s, the default setting is 60s; ♦ When the mode is On Demand, users need to set the 'on demand idle time' value in the range of 0-60 minutes, the default setting is 5 minutes; ♦ When the mode is Manual, which do not need to fill in two settings.
Keep Alive Redial Period	Set the interval to send Keep Alive
Operation Mode: On Demand On Demand Idle Time(0-60m): 5	
On Demand Idle Time	Set On demand transmission time interval
Port Bind	With the corresponding port 1 to port 4, SSID1 ~ SSID4 binding

4）Bridge Mode



Field Name	Description
Connect Name	Use keywords to indicate the WAN1~WAN5 service mode (set relevant parameters in the WAN port settings page)
IP Protocol Version	Only the connection mode for the time being the IPv4
INTERNET	Bridging: from PC in the LAN for PPPOE dial-up Internet access
Port Bind	With the corresponding port 1 to port 4, SSID1 ~ SSID4 binding

5.2.2 LAN

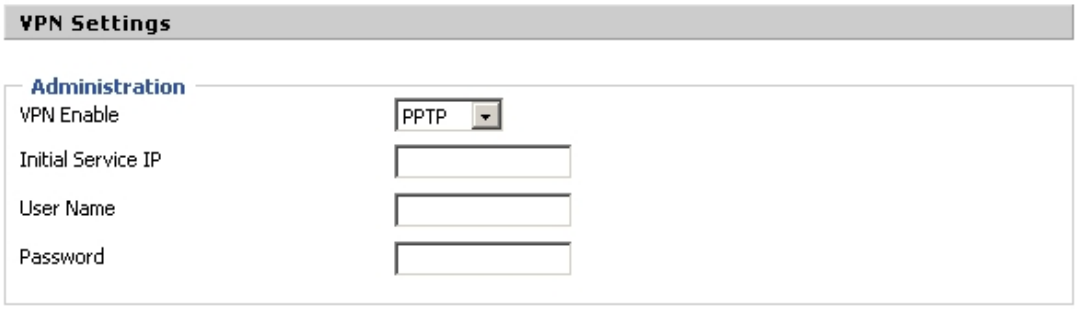


Field Name	Description
IP Address	Enter the IP address of the router on the local area network, all the computers in the LAN IP address must match the IP address on the same network segment, and the default gateway must be this IP address. (The default is 192.168.1.1)
Local Subnet Mask	Enter the subnet mask to determine the size of the network (default is 255.255.255.0/24)
Local DHCP Server	If or not enable Local DHCP Server
DHCP Start Address	Enter a valid IP address for the IP address pool as a starting IP address of the DHCP server, and if the router LAN IP address is 192.168.168.1, starting IP address can be 192.168.168.2 or greater, but less than the ending IP address.
DHCP End Address	Enter a valid IP address for the IP address pool as an end IP address of the DHCP server.
DNS Mode	Select DNS automatically and specify the mode type. ♦ When DNS types for automatic, the device under LAN port will automatically obtains the preferred DNS and alternate DNS ♦ DNS type is specified, the user should manually configure the preferred DNS and alternate DNS

Primary DNS	Enter the preferred DNS
Secondary DNS	Enter the Secondary DNS
Client Lease Time	It defines how long the address will be assigned to the computer within the network. In that period, the server does not assign IP addresses to the other computers.
DNS Proxy	Enable or disable; If enabled, the LAN-side network to forward DNS requests to the WAN side network

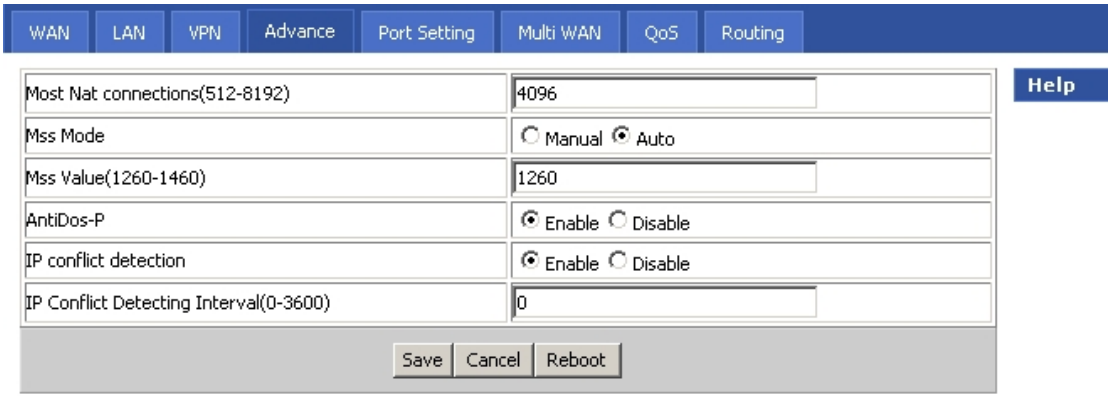
5.2.3 VPN

A VPN is a public network to establish a private network technology. VPN network connection between any two nodes does not require the end to end physical connection of the traditional private network; it is structured on the public network services provided by the network platform, the user data are transmitted in the logical link. Through VPN technology, users can public networks established between any two devices to connect and transfer data private.



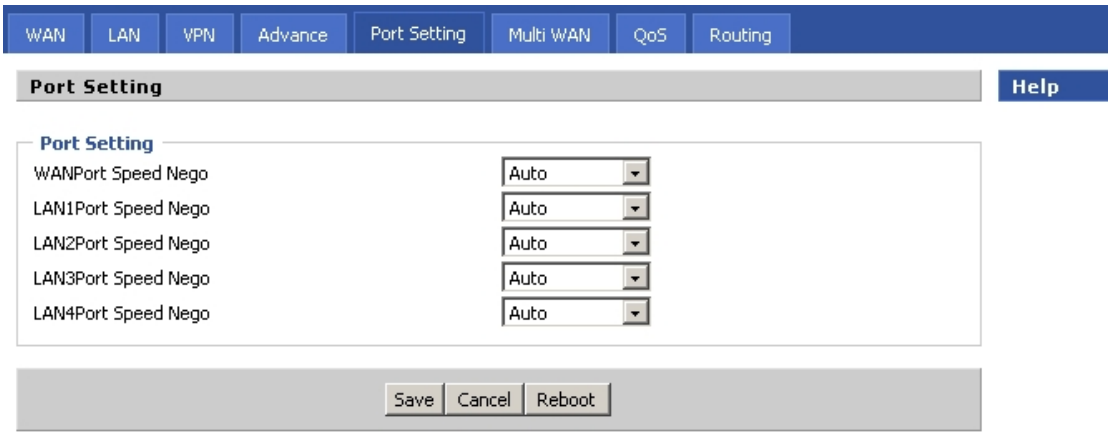
Field Name	Description
VPN Enable	If or not enable VPN.If enable, you can select VPN PPTP and L2TP mode mode.
Initial Service IP	Fill in the VPN server IP address
User Name	Fill in the authentication username
Password	Fill in the authentication password

5.2.4 Advance



Field Name	Description
Most Nat connections	The largest value which the G801E can provide
Mss Mode	Choose Mss Mode from Manual and Auto
Mss Value	Set the value of TCP
AntiDos-p	You can choose to enable or prohibit
IP conflict detection	Select enable if enabled, phone IP conflict will have tips or prohibit;
IP conflict Detecting Interval	Detect IP address conflicts of the time interval

5.2.5 Port Setting

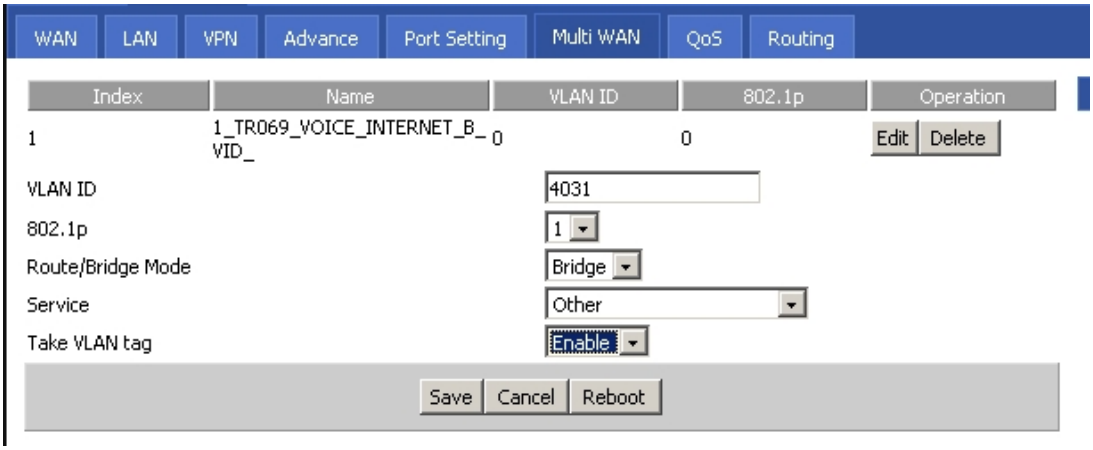


Field Name	Description
WAN Port Speed Nego	Auto-negotiation, 100M full-duplex, 100M half-duplex, 10M half duplex and full duplex, select port speed negotiation supported by methods

LAN1~LAN4Port Speed Nego	Auto-negotiation, 100M full duplex, half duplex 100M, 10M half duplex and full duplex speeds supported by the selected port negotiation methods

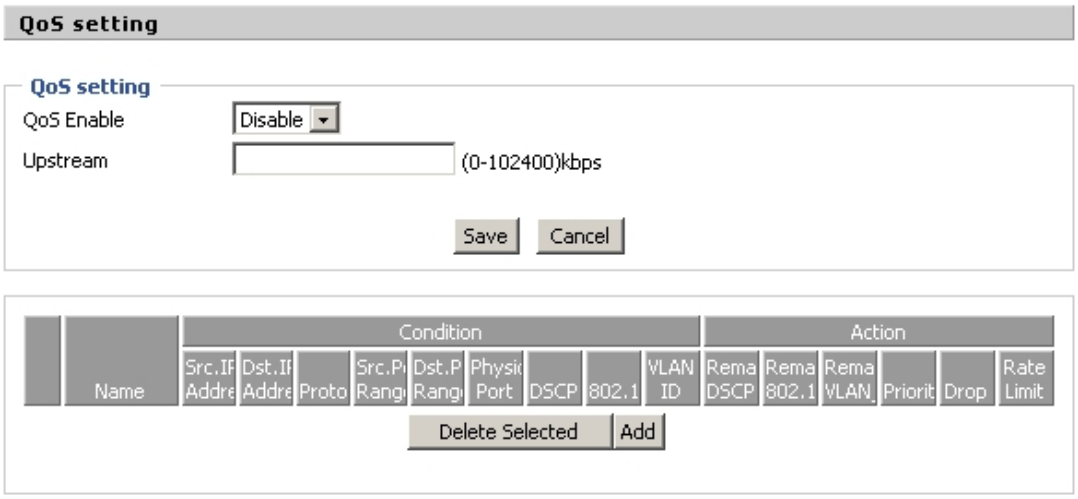
5.2.6 Multi WAN Setting

In the WAN port settings page allows you to set the service name WAN1~WAN5, the page shown in the following figure：



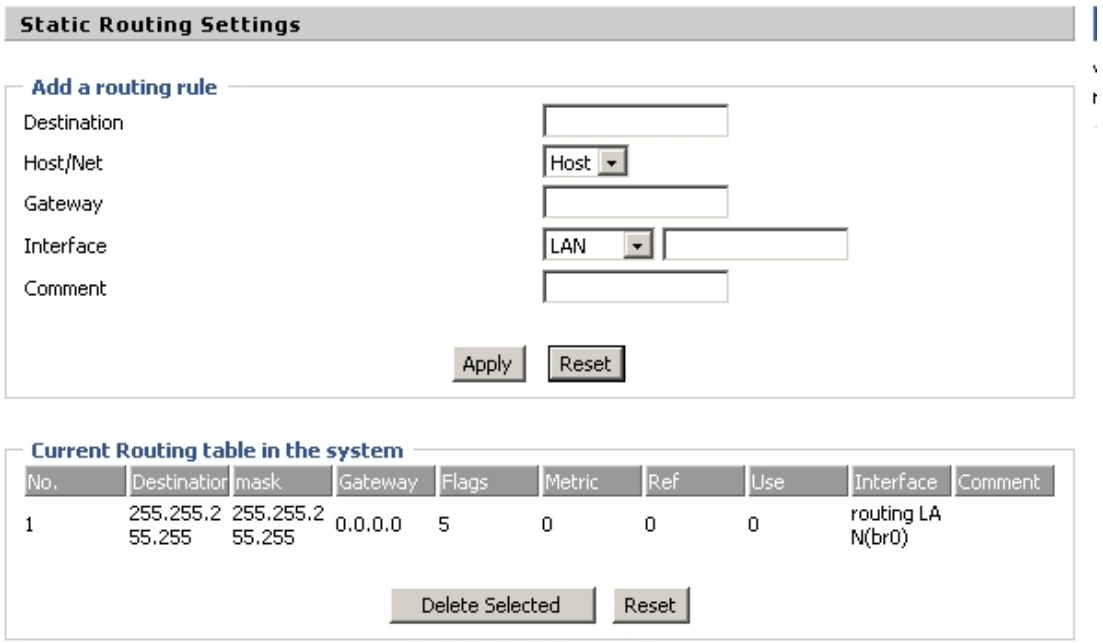
Field Name	Description
VLAN ID	Configure VLAN ID
Route/Bridge Mode	Select Route mode or Bridge mode.
Service	There are these options VOICE, TR069, INTERNET, TR069-INTERNET, TR069-VOICE, and VOICE-INTERNET, and TR069-INTERNET-VOICE, and Other
Take VLAN tag	Whether or not carry VLAN tag

5.2.7 QoS



Field Name	Description
QoS Enable	If or not enable Qos function
Upstream	Set the upstream bandwidth
Delete Selected	In NO., Check the items you want to delete, click the Delete option
Add	Click Add to add a new parameter

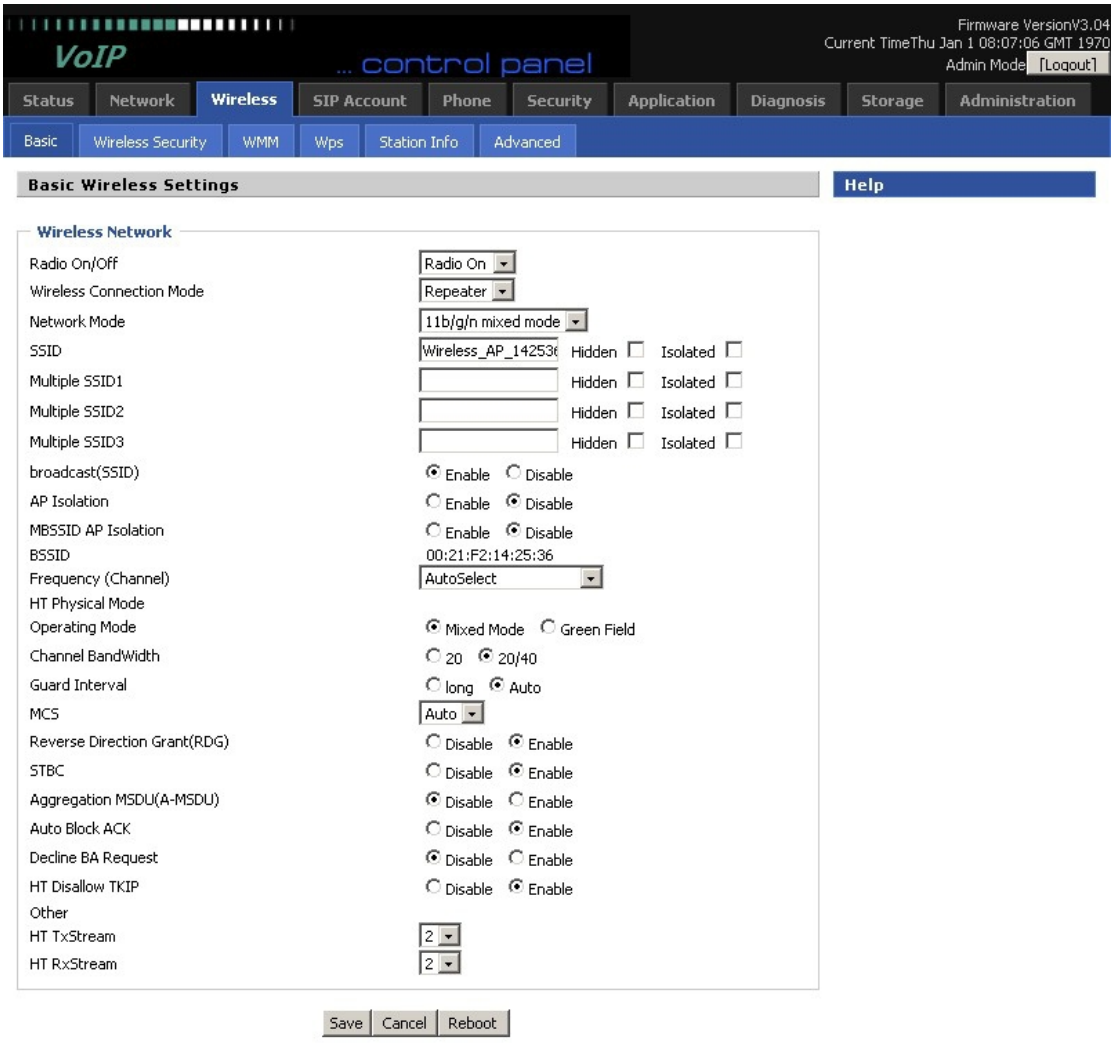
5.2.8 Static Routing Settings



Field Name	Description
Destination	Destination address
Host/Net	Both Host and Net selection
Gateway	Gateway IP address
Interface	LAN/WAN/Custom three options, and add the corresponding address
Comment	Comment

5.3 Wireless

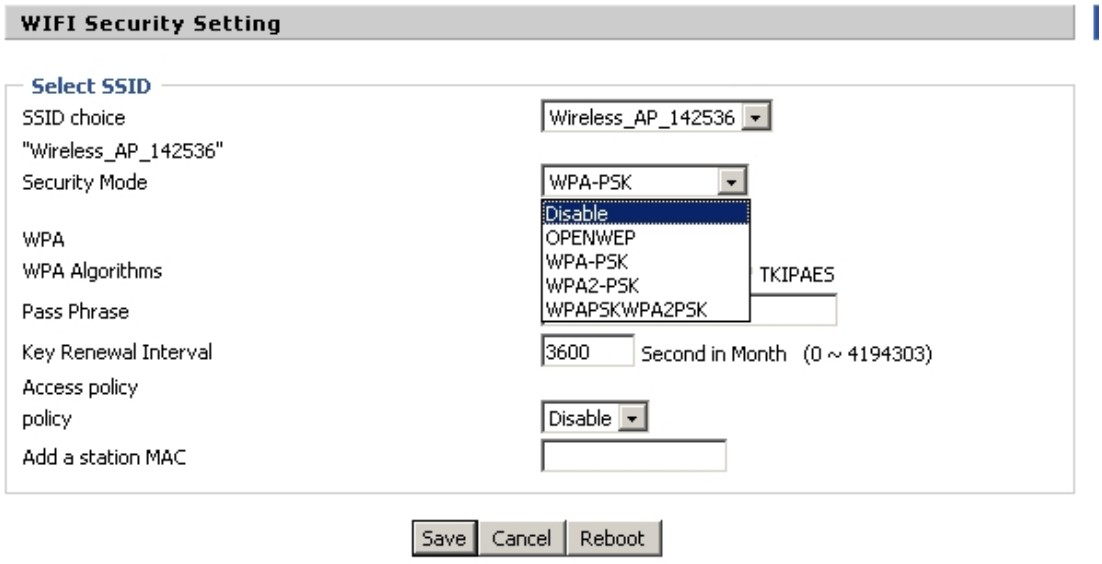
5.3.1 Basic



Field Name	Description
Radio on/off	Click the button to enable or disable wireless.
Wireless connection mode	According to the wireless client type, select one of these modes. Default is 11b/g/n blend mode
SSID	It is the basic identity of wireless LAN. SSID can be any alphanumeric or a combination of special characters. It will appear in the search for the Wi-Fi wireless network connection list
Multiple SSID1~SSID3	G801E supports multiple SSID
Hidden	After the item is checked, the SSID is no longer displayed in the search for the Wi-Fi wireless network connection list

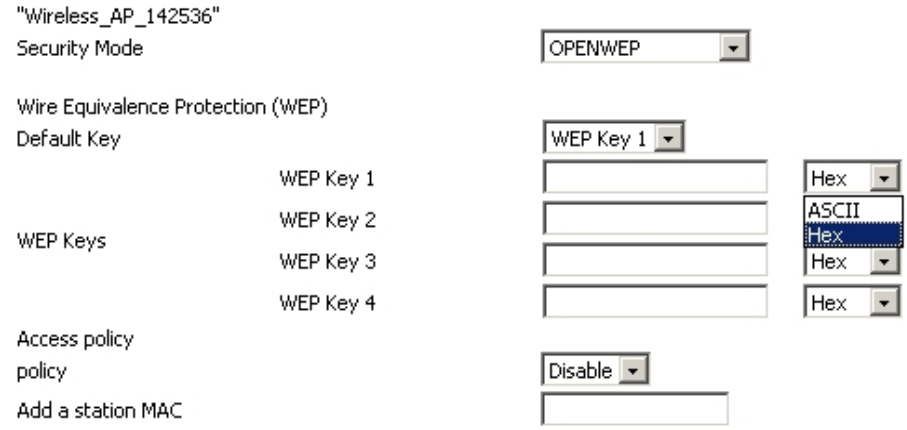
Broadcast(SSID)	After initial State opening, the device broadcasts the SSID of the router to wireless network
AP Isolation	If AP isolation is enabled, the clients of the AP cannot access each other
MBSSID AP Isolation	AP isolation among the devices which are not belong to this AP, the devices which do not belong to this AP cannot access the devices which are within the AP.
BSSID	A group of wireless stations and a WLAN access point (AP) consists of a basic access device (BSS), each computer in the BSS must be configured with the same BSSID, that is, the wireless AP logo
Frequency (Channel)	You can select Auto Select/1/2/3/4/5/6/7/8/9/10/11/12/13
HT Physical Mode Operating Mode	1. Mixed Mode: In this mode, the previous wireless card can recognize and connect to the Pre-N AP, but the throughput will be affected 2. Green Field: high throughput can be achieved, but it will affect backward compatibility, and security of the system
Channel Bandwidth	Select channel bandwidth, default is 20MHz and 20/40MHz.
Guard Interval	The default is automatic, in order to achieve good BER performance, you must set the appropriate guard interval
MCS	Position control signal, options are 0 to 32, the default is automatic
Reverse Direction（RDG）	You can choose to enable or disable this privilege

5.3.2 Wireless Security Setting



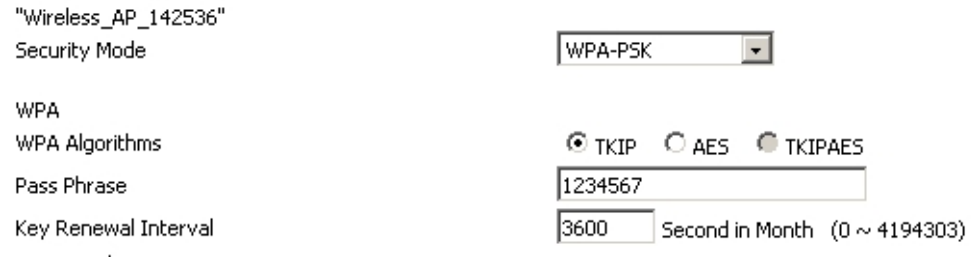
SSID choice	Select a SSID from SSID, multi SSID1, multi SSID2. multi-SSID3.
Security Mode	Select an appropriate encryption mode to increase the security and privacy features of wireless data

Select a different encryption mode, the web interface will be different, user can configure the corresponding parameters under the mode you select. Here are some common encryption method 1)OPENWEP：A handshake WEP encryption, the WEP key is for encryption type：



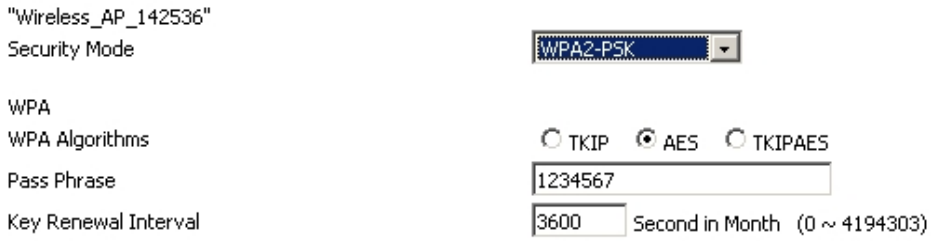
WEP represents Wired Equivalent Privacy, which is a basic encryption method.	
Security Mode	This is used to select one of the 4 WEP keys, key settings on the client adapter is also required with the same one
WEP Keys	Set the WEP key. A-64 key need 10 Hex characters or 5 ASCII characters; choose A-128 key need 26 Hex characters or 13 ASCII characters.

2) WPA-PSK, the router will use WPA shared key-based mode:



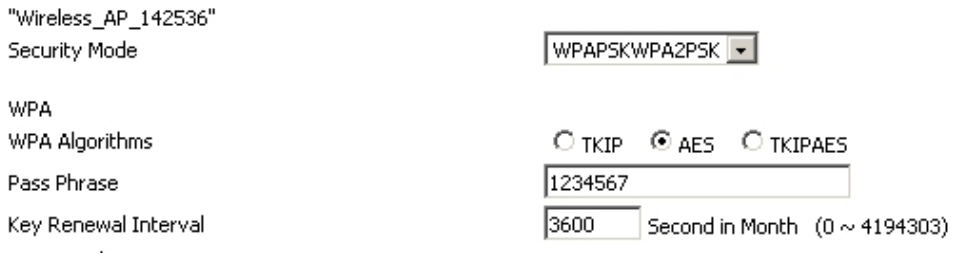
WPA Algorithms	This item is used to select the encryption of wireless data algorithms, options are TKIP and AES
Pass Phrase	Setting up WPA-PSK security password
Key Renewal Interval	Set the key scheduled update cycle, default is 3600s

3) WPA2-PSK, the router will be based on shared key WPA2 modes:



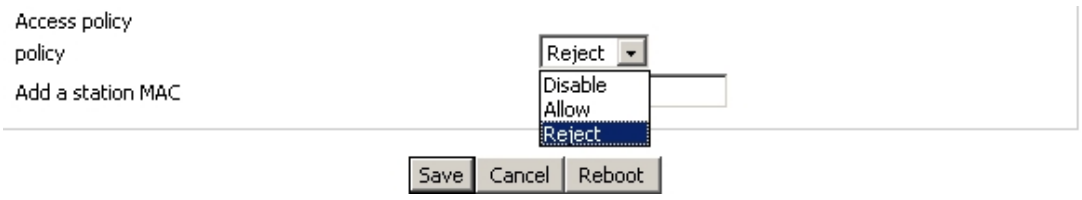
WPA Algorithms	This item is used to select the security algorithm for encryption of wireless data, options are TKIP, AES, TKIPAES three
Pass phrase	Setting up WPA2-PSK security password
Key Renewal Interval	Set the key scheduled update cycle, default is 3600s

4) WPAPSKWPA2PSK manner is consistent with WPA2PSK settings



WPA-PSK/WPA2-PSK WPA/WPA2 security type is actually a simplified version, which is based on the WPA shared key mode, higher security setting is also relatively simple, suitable for ordinary home users and small businesses.	
WPA Algorithms	The data is used to select the wireless security encryption algorithm options are TKIP, AES, TKIP / AES. 11N mode does not support TKIP algorithms.
Pass Phrase	Set WPA-PSK/WPA2-PSK security code
Key Renewal Interval	Set the key scheduled update cycle, default is 3600s

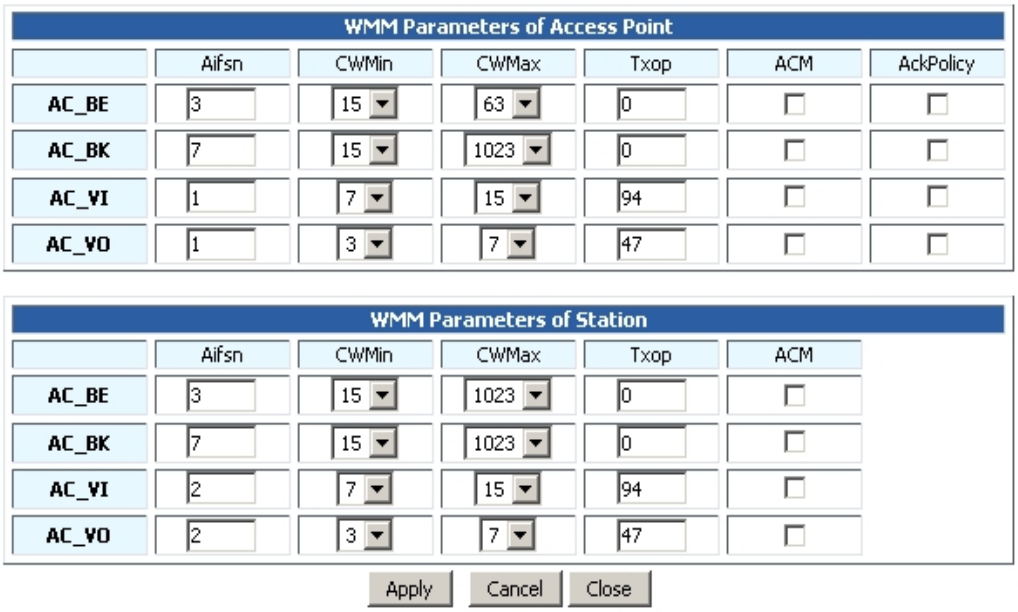
Wireless Access Policy:



Field Name	Description
Access policy	Wireless access control is used to allow or prohibit the specified client to access to your wireless network based on the MAC address.
Policy	Prohibition: disable wireless access control policy; allow: only allow the clients in the list to access, rejected: block the clients in the list to access.
Add a station MAC	Enter the MAC address of the clients which you want to allow or prohibit
Example: Prohibit the device whose wireless network card MAC address is 00:1 F: D0: 62: BA: FF's to access the wireless network, and allow other computers to access the network. Implementation: As shown, the Policy is Reject, add 00:1 F: D0: 62: BA: FF to the MAC, click Save and reboot the device settings to take effect.	

5.3.3 Wi-Fi MultiMedia

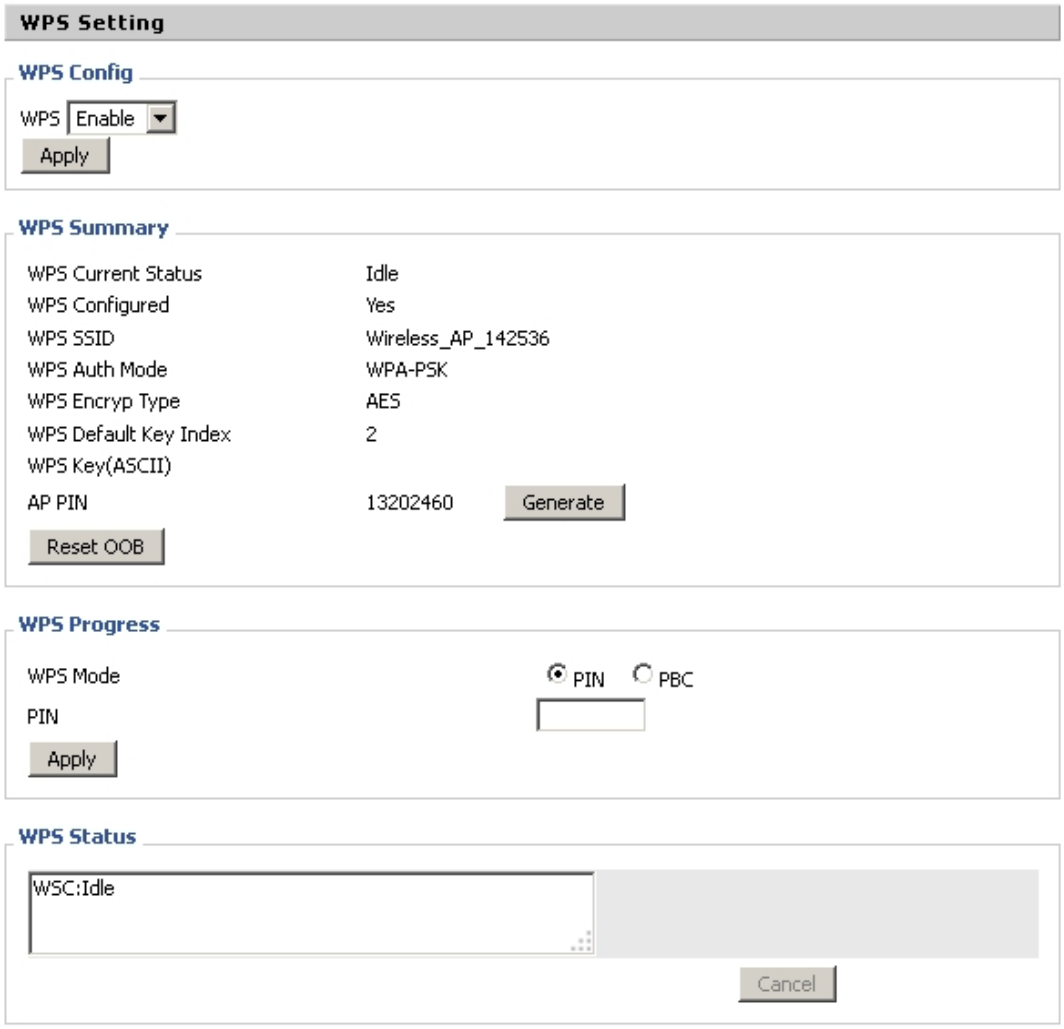
WMM (Wi-Fi MultiMedia) is the QoS certificate of Wi-Fi Alliance (WFA). This provides you to configure the parameters of wireless multimedia; VMM allows wireless communication to define a priority according to the data type. To make VMM effective, the wireless clients must also support VMM.



5.3.4 Wi-Fi Protected Setup (WPS)

WPS is the newest Wi-Fi security settings(Wi-Fi Protected Setup), which is launched by Wi-Fi Alliance, this standard is mainly introduced to solve the problems that the steps of encrypting

and authenticating the wireless network are too complicated, and these problems has long been there. By using the WPS button on MG6001, we can freely enjoy quick encrypting the wireless network data, protecting illegal users from invading. On one hand, this can ensure the security of wireless networks, on the other hand, we can encrypt much easier.



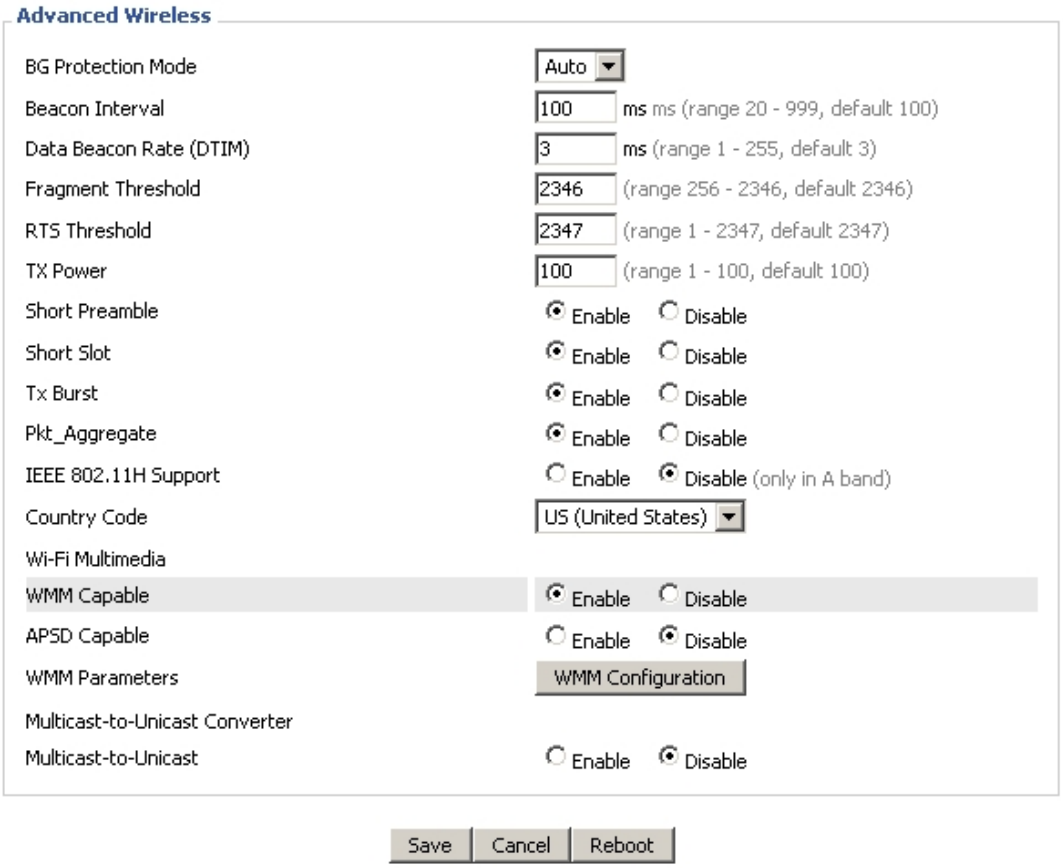
Field Name	Description
WPS Setting	If or not enable WPS function
WPS Summary	Display the current status of WPS, including current state, SSSID name, authentication methods, encryption type and the PIN code of this AP.
Generate	Generate a new PIN code
Reset OOB	G801E uses default security policy to allow other non-WPS users to access and apply.
WPS Mode	PIN：Enter the PIN code of the wireless card which accesses to this LAN in the following option, and press apply. Then WPS begins to send signals, turn on the PIN accessing method on the clients, and then it

	can access the wireless AP automatically. PBC： There are two ways to start PCB mode, user can press the PCB button directly on the hardware, or select PCB mode on the software and apply. Users can activate WPS connection in WPS mode through these two methods, only when the clients choose PCB access, the clients can connect the AP automatically.
WPS Status	WPS current status in three ways: WSC: Idle WSC: Start WSC Process(begin to send messages) WSC: Success; this means clients have accessed the AP successfully, WPS connects well.

5.3.5 Wireless Client

This page show user the clients' information which connects to the AP.

5.3.6 Advance Wireless



Field Name	Description
BG Protection Mode	Select G protection mode, options are on, off and automatic.
Beacon Interval	The interval of sending a wireless beacon frame, within this range, it will send a beacon frame for the information of the surrounding radio network.
Data Beacon Rate(DTIM)	Specify the interval of transmitting the indication message, it is a kind of cut down operation, and it is used for informing the next client which is going to receive broadcast multi-cast.
Fragment Threshold	Specify the fragment threshold for the packet, when the length of the packet exceeds this value, the packet will be divided into multiple packets.
RTS Threshold	Specify the packet RTS threshold, when the packet exceeds this value, the router will send RTS to the destination site consultation
TX Power	Define the transmission power of the current AP, the greater it is, the stronger the signal is.
Short Preamble	Default is enable, G801E system is not compatible with traditional IEEE802.11, the operation rate can be 1,2Mpbs
Short Slot	If or not enable short slot, default is enable, it is helpful in improving the transmission rate of wireless communication.

Tx Burst	One of the features of MAC layer, it is used to improve the fairness for transmitting TCP.
Pkt_Aggregate	It is a mechanism that is used to enhance the LAN, in order to ensure that the data packets are sent to the destination correctly.
IEEE802.11H support	If or not enable IEEE802.11H Support, default is disable.
Country Code	Select country code, options are CN, US, JP, FR, TW, IE, HK and NONE.
Wi-Fi Multimedia(WMM)	
WMM Capable	If or not enable WMM. WMM take effects when it is enabled.
APSD Capable	After enable this, it may affect wireless performance, but can play a role in energy-saving power
WMM Parameters	Press WMM Configuration , the webpage will jump to the configuration page of Wi-Fi multimedia.
Multicast-to-Unicast Converter	
Multicast-to-Unicast	If or not enable Multicast-to-Unicast, by default, it is disabled, you can enable it.

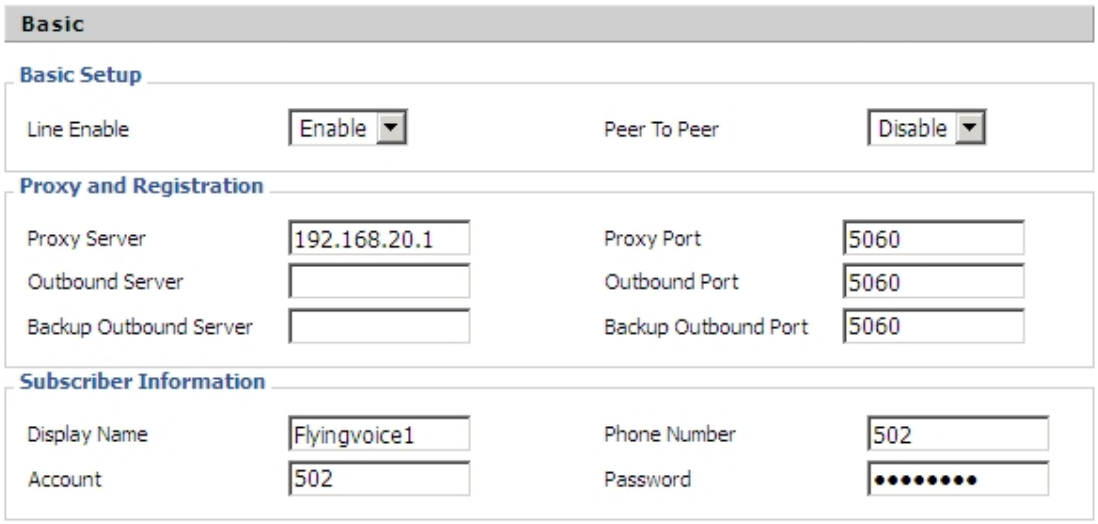
5.4 VOIP

5.4.1 Line 1

In this webpage, user can configure the information on Line 1, including the following 4 parts: Basic, Audio Configuration, Supplementary Service Subscription and Advanced.

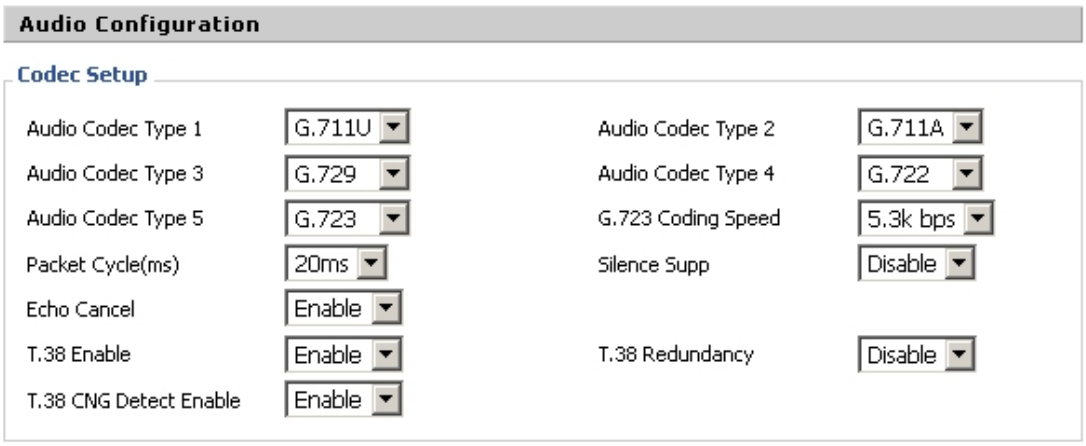
1) Basic

Set the basic information provided by your VOIP Service Provider, such as Phone Number, Account, password, SIP Proxy and so on.



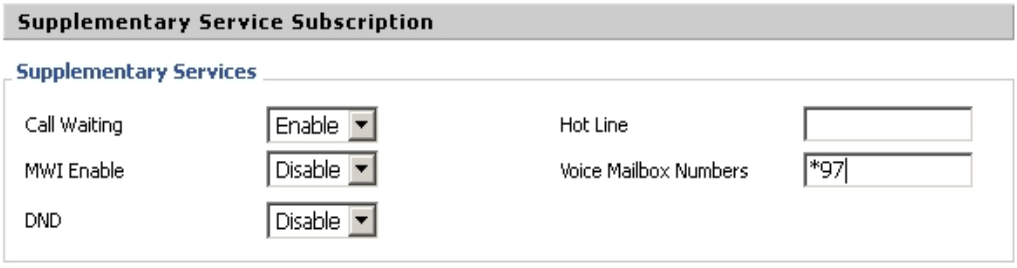
Field Name	Description
Line Enable	If or not enable the line.
Peer To Peer	If or not enable PEER to PEER. If enable, SIP-1 will not send register request to SIP server; but in Status/ SIP Account Status webpage, Status is Registered; lines 1 can dial out, but the external line number cannot dialed line1.
Proxy Server	The IP address or the domain of SIP Server
Outbound Server	The IP address or the domain of Outbound Server
Backup Outbound Server	The IP address or the domain of Backup Outbound Server
Proxy port	SIP Service port, default is 5060
Outbound Port	Outbound Proxy's Service port, default is 5060
Backup Outbound Port	Backup Outbound Proxy's Service port, default is 5060
Display Name	The number will be displayed on LCD
Phone Number	Enter numbers of telephone provided by SIP Proxy
Account	Enter SIP account provided by SIP Proxy
Password	Enter SIP password provided by SIP Proxy

2) Audio Configuration



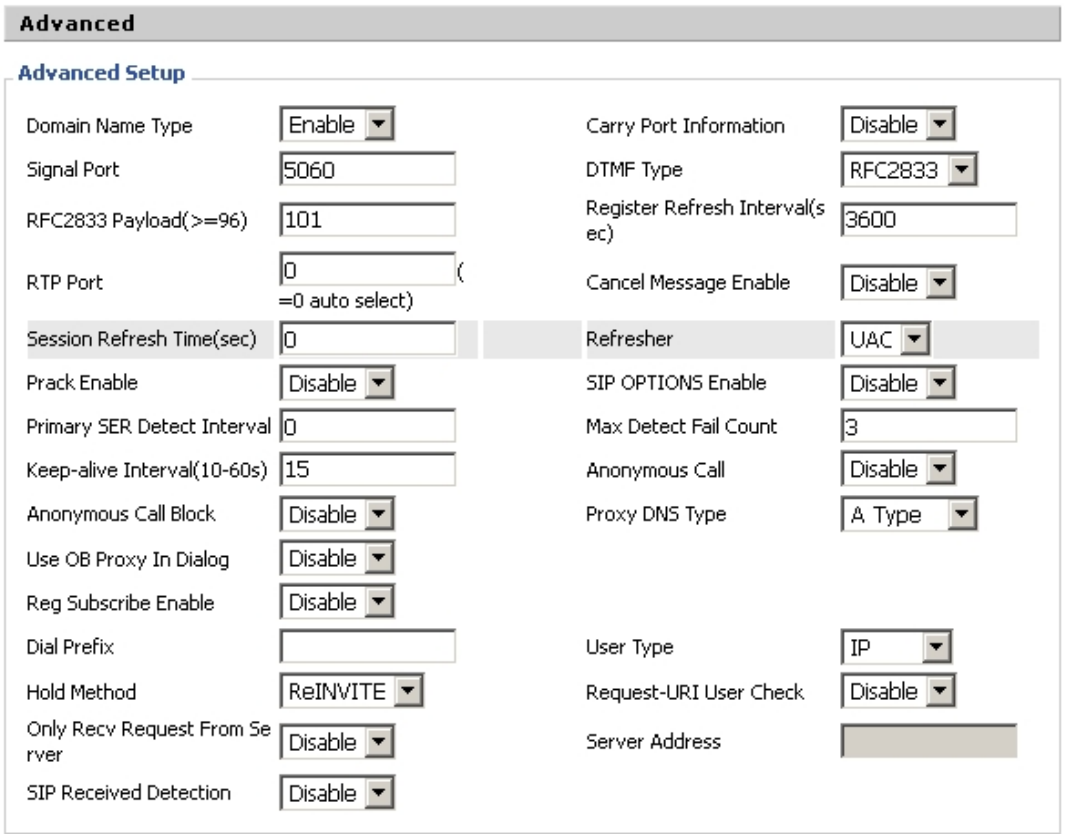
Field Name	Description
Audio Codec Type1	Choose the audio codec type from G.711U, G.711A, G.722, G.729, G.723
Audio Codec Type2	Choose the audio codec type from G.711U, G.711A, G.722, G.729, G.723
Audio Codec Type3	Choose the audio codec type from G.711U, G.711A, G.722, G.729, G.723
Audio Codec Type4	Choose the audio codec type from G.711U, G.711A, G.722, G.729, G.723
Audio Codec Type5	Choose the audio codec type from G.711U, G.711A, G.722, G.729, G.723
G.723 Coding Speed	Choose the speed of G.723 from 5.3kbps and 6.3kbps
Packet Cycle	The RTP packet cycle time, default is 20ms
Silence Supp	If or not enable silence
Echo Cancel	If or not enable echo cancel, default is enable
T.38 Enable	If or not enable T.38
T.38 Redundancy	If or not enable T.38 Redundancy
T.38 CNG Detect Enable	If or not enable T.38 CNG Detect

3) Supplementary Service Subscription



Field Name	Description
Call Waiting	If or not enable Call Waiting
Hot Line	Fill in the hotline number. Pickup handset or press Handsfree/headset button, the device will dial out the hotline number automatically.
MWI Enable	If or not enable MWI (message waiting indicate). If the user needs to user voice mail, please enable this feature.
Voice Mailbox Numbers	Fill in the voice mailbox phone number, Asterisk platform, for example, its signature voice mail is *97
DND	If or not enable DND (do not disturb). If enable, any phone call cannot arrive at the device; default is disable.

4) Advanced



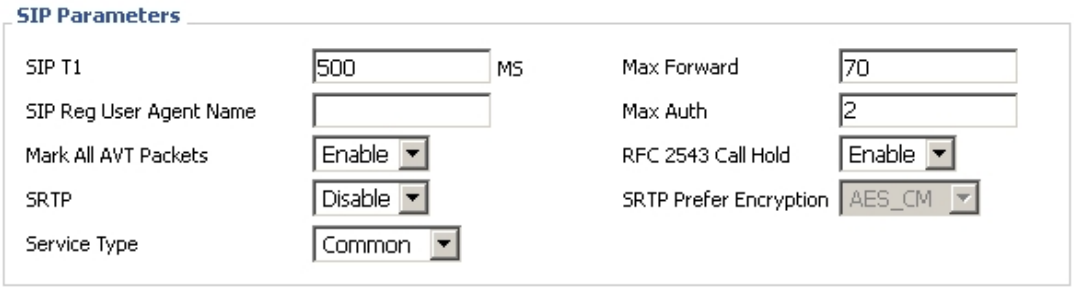
Field Name	Description
Domain Name Type	If or not use domain name in the SIP URI
Carry Port Information	If or not carry Port information in the SIP URI.

Signal Port	The local port of SIP protocol, default is 5060
DTMF Type	Choose the DTMF type from Inbound, RFC2833 and SIP INFO.
RFC2833 Payload(>=96)	User can use the default setting.
Register Refresh Interval	The interval between two normal Register messages. You can use the default setting.
RTP Port	Set the port to send RTP. The device will select one idle port for RTP if you set “0”; otherwise use the value which user sets.
Cancel Message Enable	When you set enable, an unregistered message will be sent before registration, while you set disable, unregistered message will not be sent before registration. You should set the option for different Proxy.
Session Refresh Time(sec)	Time interval between two session, you can use the default settings
Refresher	Choose refresher from UAC and UAS.
Prack Enable	If or not enable prack.
SIP OPTIONS Enable	When you set enable, the device will send SIP-OPTION to the server, instead of sending periodic Hello message. The sending interval is Keep-alive interval.
Primary SER Detect Interval	Test interval of the primary server, the default value is 0, it represents disable.
Max Detect Fail Count	Interval of detection of the primary server fail; the default value is 3, it means that if detect 3 times fail; the device will no longer detect the primary server.
Keep-alive Interval(10-60s)	The interval that the device will send an empty packet to Proxy.
Anonymous Call	If or not enable Anonymous call
Anonymous Call Block	If or not enable Anonymous call Block
Proxy DNS Type	Set the DNS server type, choose from A type and DNS SRV
Use OB Proxy In Dialog	If or not use OB Proxy In Dialog
Reg Subscribe Enable	|If enable, subscribing will be sent after registration message, if not enable, do not send subscription
Dial Prefix	The number will be added before your telephone number when make calls.
User Type	Choose the User Type from IP and Phone

Hold Method	Choose the Hold Method from ReINVITE and INFO
Request-URI User Check	If or not enable the user request URI check
Only Recv request from server	If or not enable the only receive request from server
Server Address	The IP address of SIP server
SIP Received Detection	If or not enable SIP Received Detection, if enable, use it to confirm the public network address of the device.

5.4.2 SIP setting

1)SIP Parameters：

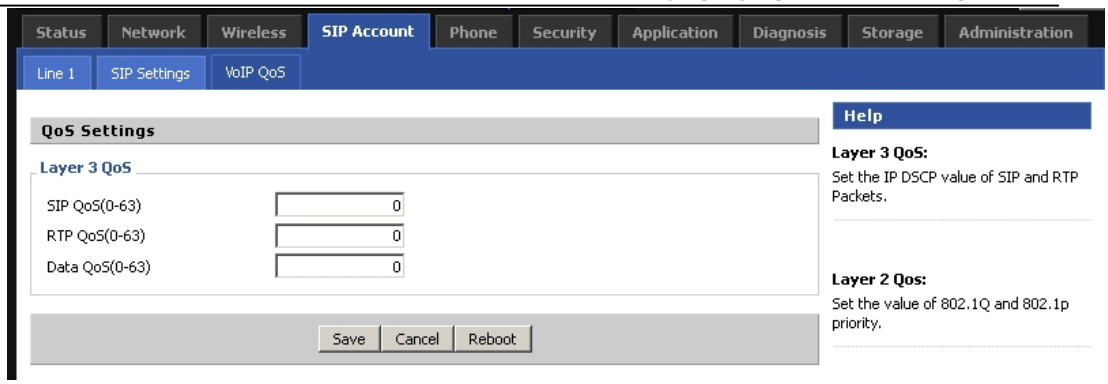


2) NAT Traversal

Field Name	Description
NAT Traversal	1. If or not enable NAT Traversal 2. G801E supports STUN Traversal； If you want to traverse NAT/Firewall, select the STUN.
STUN Server Address	Add the correct STUN service provider IP address.
NAT Refresh Interval	Set NAT Refresh Interval, default is 60s.
STUN Server Port	Set STUN Server Port, default is 5060.

5.4.3 QoS

Qos services can improve the quality of voice applications



Field Name	Description
SIP /RTP/Data QoS	The default value is 0,you can set a range of values is 0~63

5.5 Phone

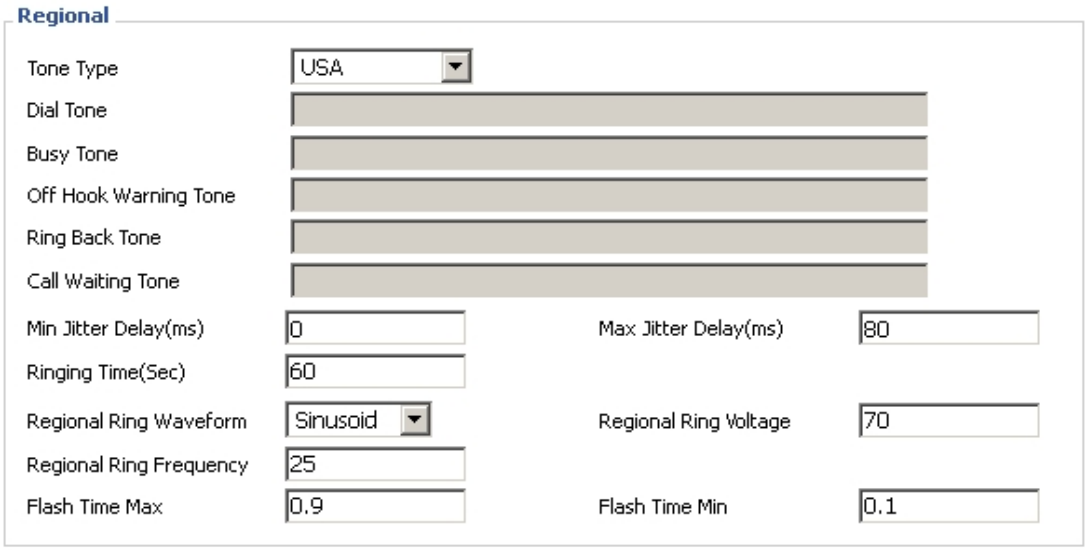
This page user can set preferences for home gateways, and call logs.

5.5.1 Preferences

1) Volume Settings

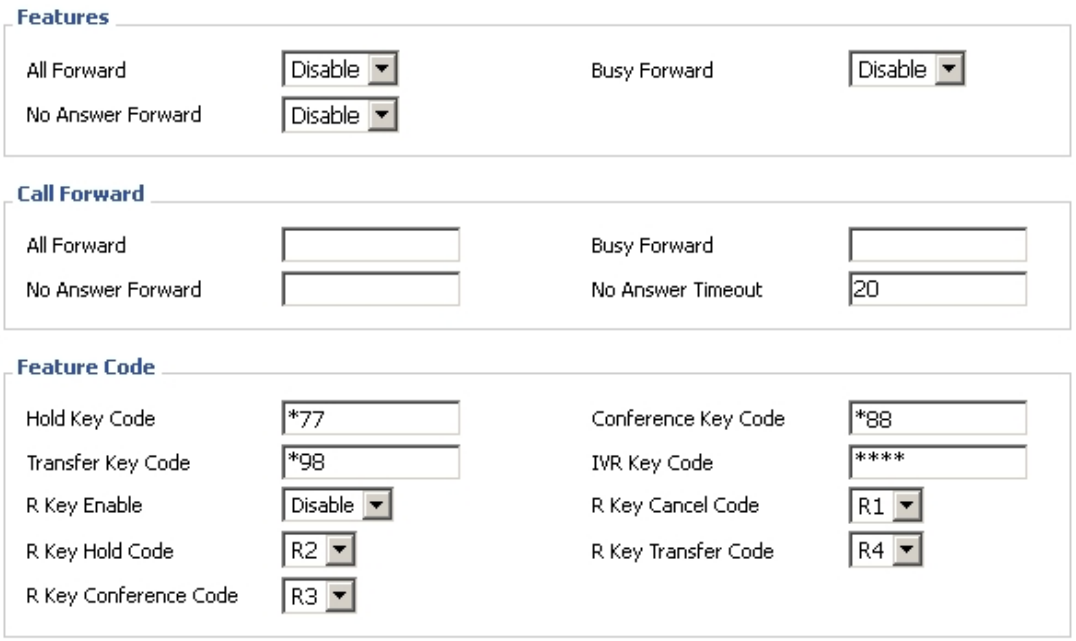
Field Name	Description
Handset Input Gain	Adjust the handset input gain from 0 to 7.
Handset Volume	Adjust the output gain from 0 to 7.

2) Regional



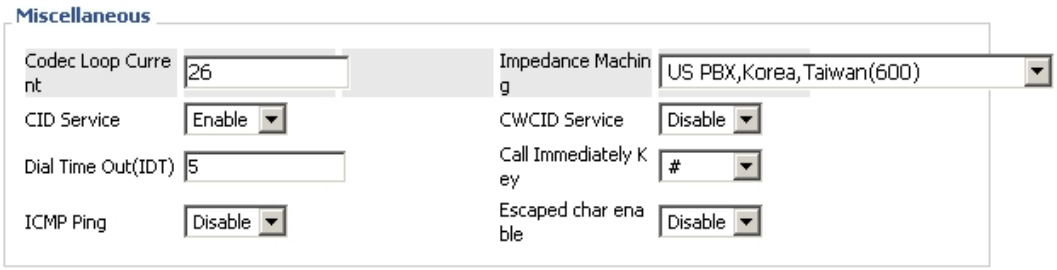
Field Name	Description
Tone Type	Choose tone type form China, US, Hong Kong and so on.
Dial Tone	Dial Tone
Busy Tone	Busy Tone
Off Hook Warning Tone	Off Hook warning tone
Ring Back Tone	Ring back tone
Call Waiting Tone	Call waiting tone
Min Jitter Delay	The Min value of home gateway's jitter delay, home gateway is an adaptive jitter mechanism.
Max Jitter Delay	The Max value of home gateway's jitter delay, home gateway is an adaptive jitter mechanism.
Ringing Time	How long home gateway will ring
Regional Ring Waveform	Select regional ring waveform, options are Sinusoid and Trapezoid, the default Sinusoid
Regional Ring Voltage	Set ringing voltage, the default value is 70
Regional Ring Frequency	Set ring frequency, the default value is 25
Flash Time Max	Set the Max value of the device's flash time, the default value is 0.9
Flash Time Min	Set the Min value of the device's flash time, the default value is 0.1

3) Call Forward



Page/parameter		Description
Features	**All Forward**	If or not enable forward all calls
	Busy Forward	If or not enable busy forward.
	No Answer Forward	If or not enable no answer forward.
Call Forward	**All Forward**	Set the target phone number for all forward. The device will forward all calls to the phone number immediately when there is an incoming call.
	Busy Forward	The phone number which the calls will be forwarded to when line is busy
	No Answer Forward	The phone number which the call will be forwarded to when there's no answer.
	No Answer Timeout	The seconds to delay forwarding calls, if there is no answer at your phone.
Feature Code	**Hold key code**	Call hold signatures ,default is *07
	Conference key code	Signature of the tripartite session, default is *09
	Transfer key code	Call forwarding signatures ,default is *08
	IVR key code	Signatures of the voice menu, default is ****
	R key enable	If or not enable R key
	R key cancel code	Set the R key cancel code， Range R+1~R+9
	R key hold code	Set the R key hold code， Range R+1~R+9
	R key transfer code	Set the R key transfer code， Range R+1~R+9
	R key conference code	Set the R key conference code， Range R+1~R+9

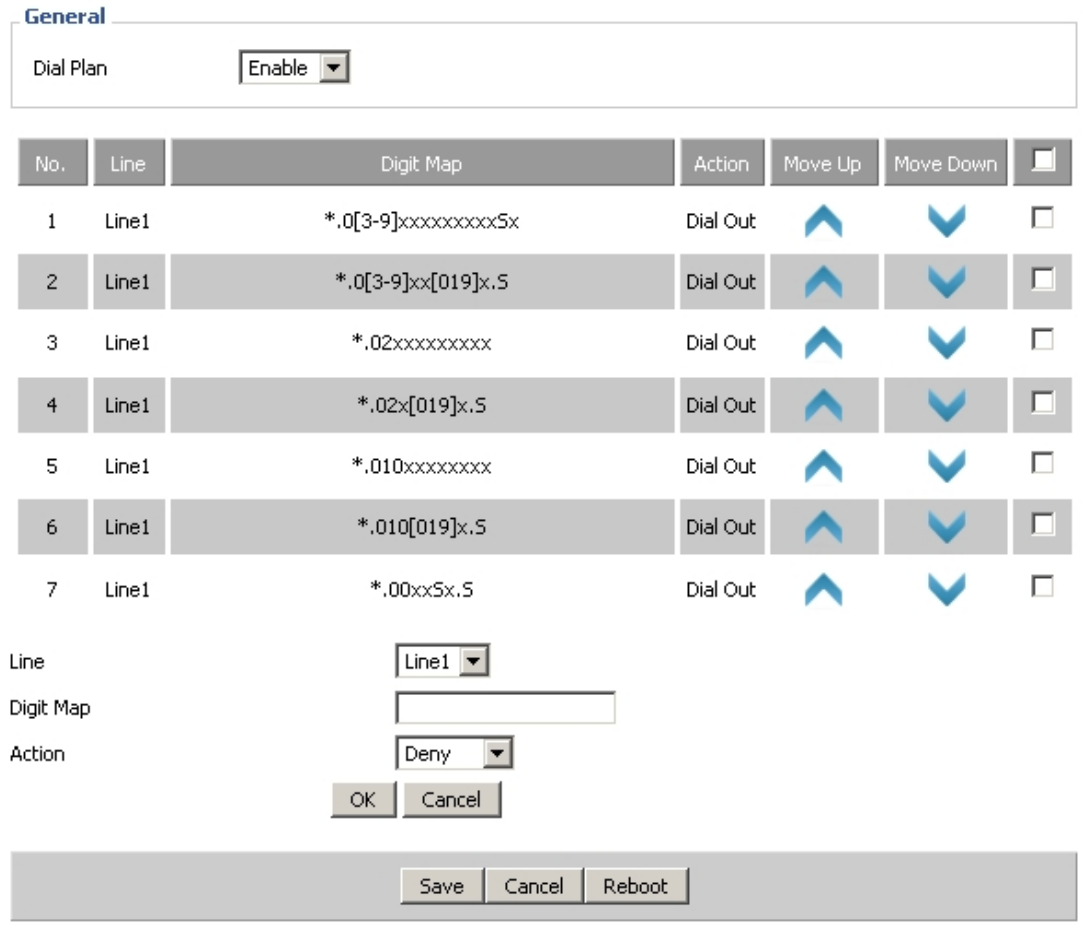
4) Miscellaneous



Field Name	Description
Codec Loop Current	Set off-hook loop current, default is 26
Impedance Maching	Set impedance matching, default is China CO (200+680| | 100nF)
CID service	If or not enable displaying caller ID; If enable, caller ID is displayed when there is an incoming call or it won't be displayed. Default is enable.
CWCID Service	If or not enable CWCID. If enable, the device will display the waiting call's caller ID, or it won't display. Default is disable.
Dial Time Out	How long home gateway will sound dial out tone when home gateway dialing number.
Call Immediately Key	Choose call immediately key form * or #.
ICMP Ping	If or not enable ICMP Ping. If enable this option, home gateway will ping the SIP Server every interval time, otherwise, It will send "hello" empty packet to the SIP Server.
Escaped char enable	Open special character translation function; if enable, when you press the # key, it will be translated to 23%, when disable, it is just #

5.5.2 Dial Plan

1) Parameters and Settings



Field Name	Description
Dial Plan	If or not enable dial plan.
Line	Set the line.
Digit Map	Fill in the sequence used to match input number The syntactic, please refer to the following Dial Plan Syntactic
Action	Choose the dial plan mode from Deny and Dial Out. Deny means home gateway will reject the matched number, while Dial Out means home gateway allow dial out the matched number.
Move Up	Press it to move up.
Move Down	Press it to move down.

2) Adding one dial plan:

Step 1. Enable Dial Plan

Step 2. Click **Add** button, and the configuration table

Step 3. Fill in the value of parameters.

Step 4.Press **OK** button to end configuration.

Step 5. Press **Save Settings** button to save changes

3) Dial Plan Syntactic

No.	String	Description
1	0 1 2 3 4 5 6 7 8 9 * #	Legal characters
2	x	Lowercase letter x stands for one legal character
3	[sequence]	To match one character form sequence. For example: • [0-9]: match one digit form 0 to 9 • [23-5*]: match one character from 2 or 3 or 4 or 5 or *
4	x.	Match to x^0, x^1, x^2, x^3..... x^n For example: “01.”: can match ”0”, “01”, “011”, ”0111”, ……., ”01111…”
5	<dialed:substituted>	Replace dialed with substituted. For example： <8:1650>123456 ： input is “85551212”, output is“16505551212”
6	x,y	Make outside dial tone after dialing “x”, stop until dialing character “y” For example： “9,1xxxxxxxxx”:the device report dial tone after inputting “9”, stop tone until inputting “1” “9,8,010x”: make outside dial tone after inputting “9”, stop tone until inputting “0”
7	T	Set the delayed time. For example: “<9:111>T2”: The device will dial out the matched number “111” after 2 seconds.

5.5.3 Call Log

To view the call log information such as redial list (incoming call), answered call and missed cal

1) Redial List

Redial List

Index	NUMBER	Start Time	Duration	
1	123	10/28 10:30	00:00:07	
2	010123	10/28 12:02	00:00:01	
3	010123	10/28 16:16	00:00:00	
4	010123	10/28 16:16	00:00:00	
5	123	10/28 16:20	00:00:13	
6	123	10/28 16:21	00:00:34	
7	123	10/29 10:50	00:00:10	
8	123	10/29 14:36	00:00:01	
9	123	10/29 15:05	00:00:23	
10	123	10/29 15:06	00:00:05	

2) Answered Calls

Answered Calls

Index	NUMBER	Start Time	Duration	
1	22222	10/21 09:56	00:00:40	
2	110	10/21 18:14	00:00:03	
3	110	10/21 18:15	00:00:07	
4	sipp	10/23 13:40	00:00:06	
5	sipp	10/24 18:05	00:00:05	
6	sipp	10/24 18:05	00:00:05	
7	sipp	10/25 15:38	00:00:03	
8	sipp	10/25 15:42	00:00:06	
9	sipp	10/25 15:55	00:00:10	
10	sipp	10/25 16:03	00:00:02	

3) Missed Call

Missed Calls

Index	NUMBER	Start Time	Duration	
1	110	10/21 09:50	00:00:03	
2	555	10/22 12:04	00:00:03	

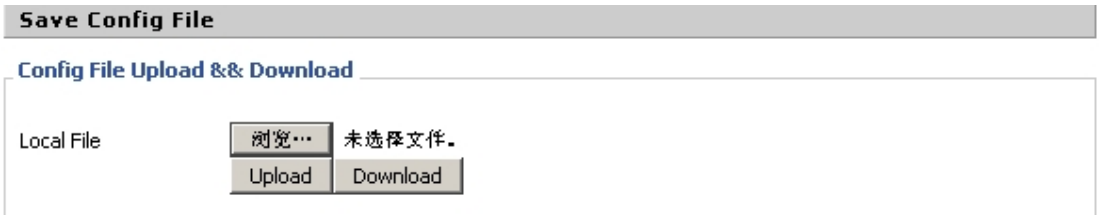
5.6 Administration

Use can manage the device in these webpage; you can configure the Time/Date, password, web access, system log and associated configuration TR069

5.6.1 Management

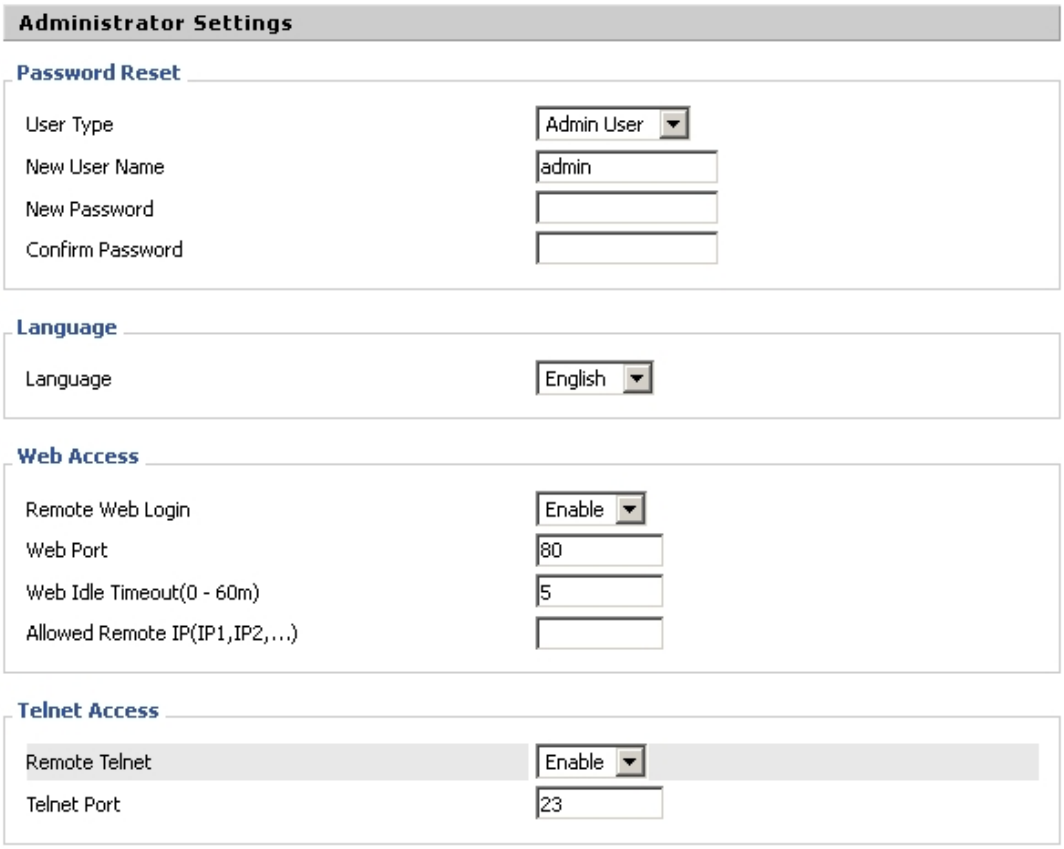
You can configure the value of Time/Date, password, web access, and system log and so on.

1) Save config file



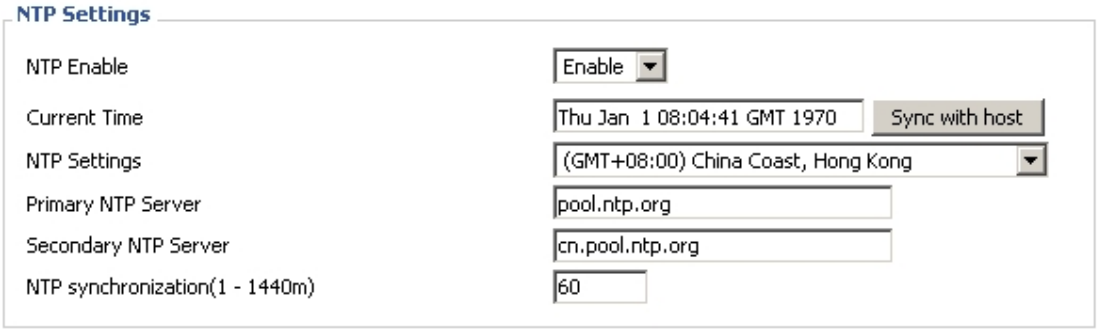
Field Name	Description
Config file upload and download	Upload: click on browse, select file in the local, press the upload button to begin uploading files
	Download: click to download, and then select contains the path to download the configuration file
Dialing rules for file uploads	Click Browse, select file in the local, press the upload button to begin uploading files

2）Administrator settings



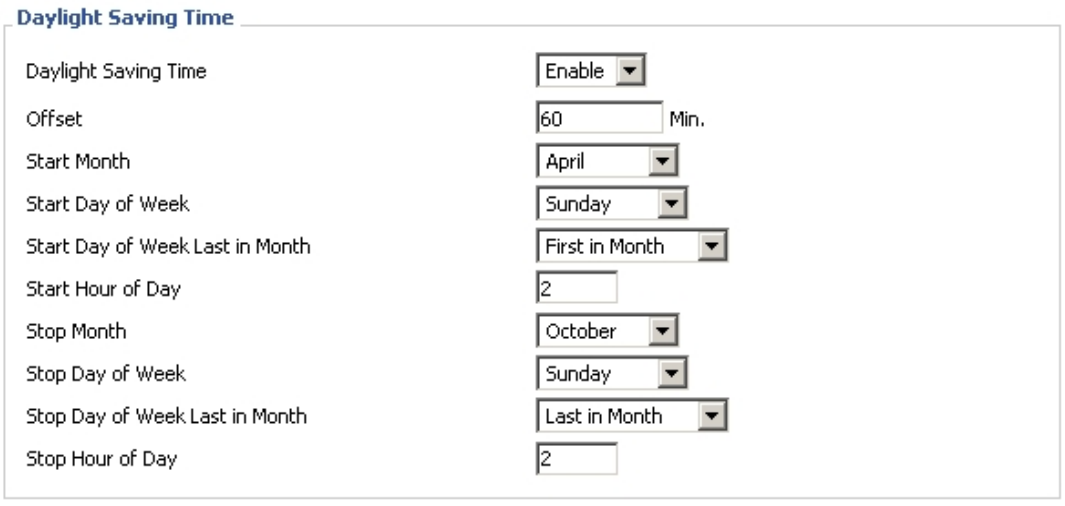
Field Name	Description
User type	Choose the user type from admin and user.
New User Name	You can modify the user name, set up a new user name
New Password	Input the new password
Confirm Password	Input the new password again
Language	Select the language for the web, the device support Chinese, English, and Spanish and so on.
Remote Web Login	If or not enable remote Web login
Web Port	Set the port value which is used to login from Internet port and PC port, default is 80.
Web Idle timeout	Set the Web Idle timeout time. The webpage can be logged out after Web Idle Timeout without any operation.
Remote Telnet	If or not enable remote telnet login
Telnet Port	Set the port value which is used to telnet the device.

3) NTP settings



Field Name	Description
NTP Enable	If or not enable NTP
Current	Display current time
NTP Settings	Setting the Time Zone
Primary NTP Server	Primary NTP server's IP address or domain name
Secondary NTP Server	Options for NTP server's IP address or domain name
NTP synchronization	NTP synchronization cycle, cycle time can be 1 to 1440 minutes in any one, the default setting is 60 minutes

4) Daylight Time



Set the summer time steps:

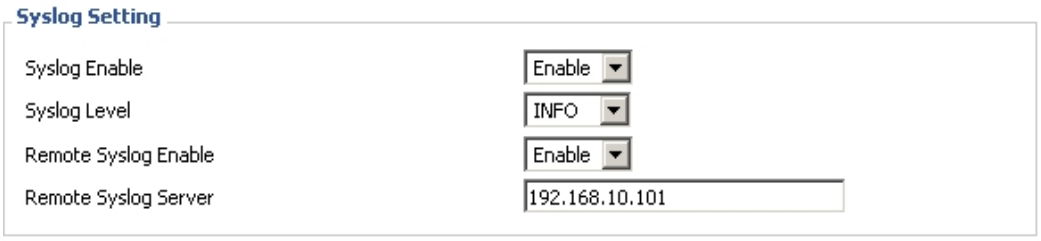
Step 1. Enable Daylight Saving Time.

Step 2. Set value of offset, like the upon picture

Step 3: Set staring Month/Week/Day/Hour in **Start Month/Start Day of Week Last in Month/Start Day of Week/Start Hour of Day**, analogously set stopping Month/Week/Day/Hour in **Stop Month/Stop Day of Week Last in Month/Stop Day of Week/Stop Hour of Day**.

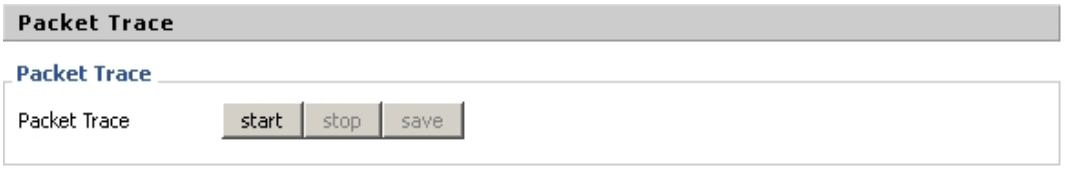
Step 4.Press **Saving Settings** button to save and press **Reboot** button to active changes.

5) System Log Setting



Field Name	Description
Syslog Enable	If or not enable syslog function
Syslog Level	Select the system log, there is INFO and Debug two grades, the Debug INFO can provide more information.
Remote Syslog Enable	If or not enable remote syslog function.
Remote Syslog server	Add a remote server IP address.

6) Packet Trace

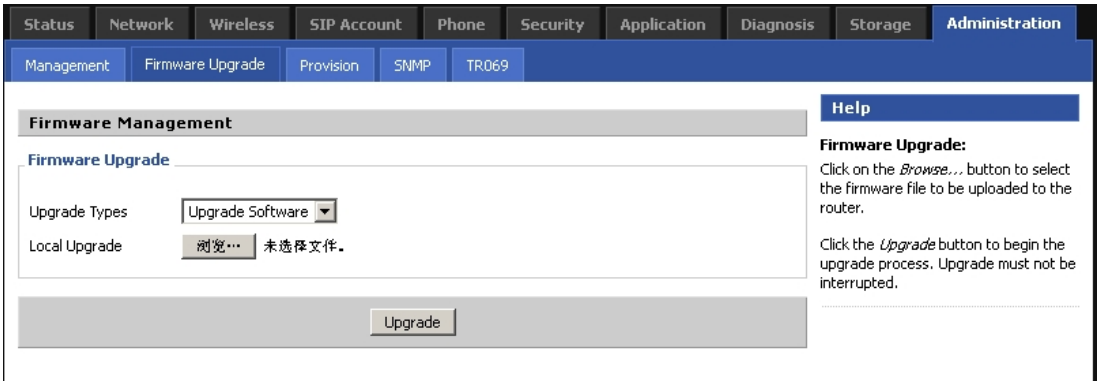


Users can use the message tracking feature intercepts the packets that were sent. Click the Start button, start data tracking and keep refreshing the page until the message trace shows to stop, click on the Save button to save captured packets.

7) Factory settings

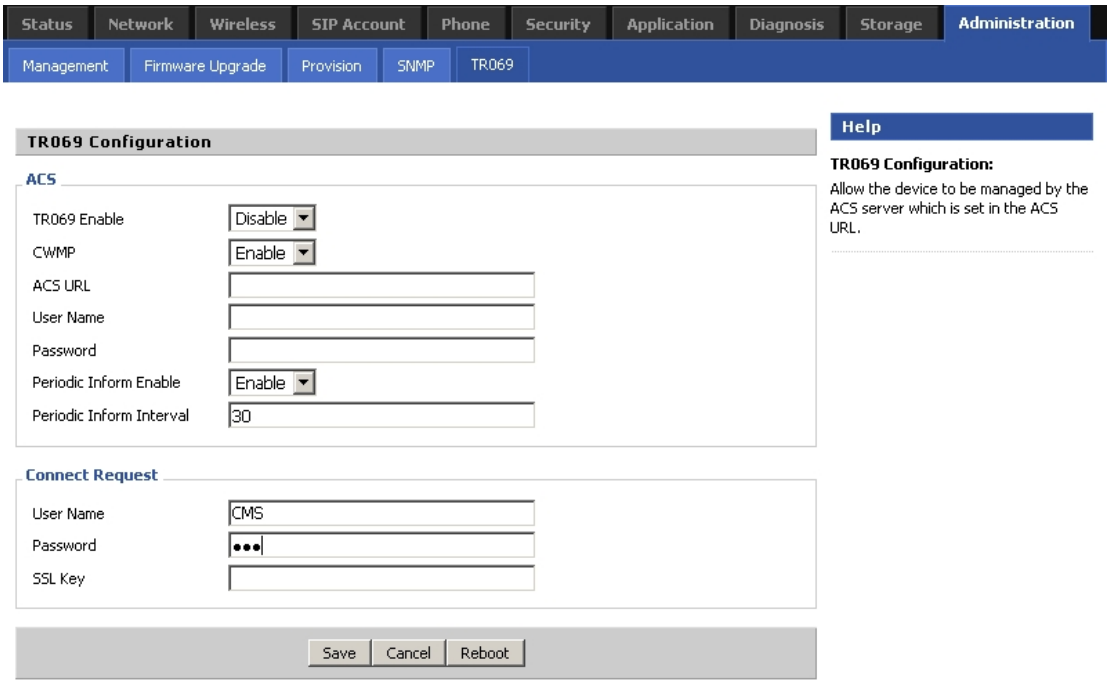
Click Factory Default to restore the residential gateway to factory settings.

5.6.2 Firmware Upgrade



Field Name	Description
Upgrade Types	Select Upgrade Software
Local Upgrade	Select local update file, and then click upgrade to upgrade the software

5.6.3 TR069



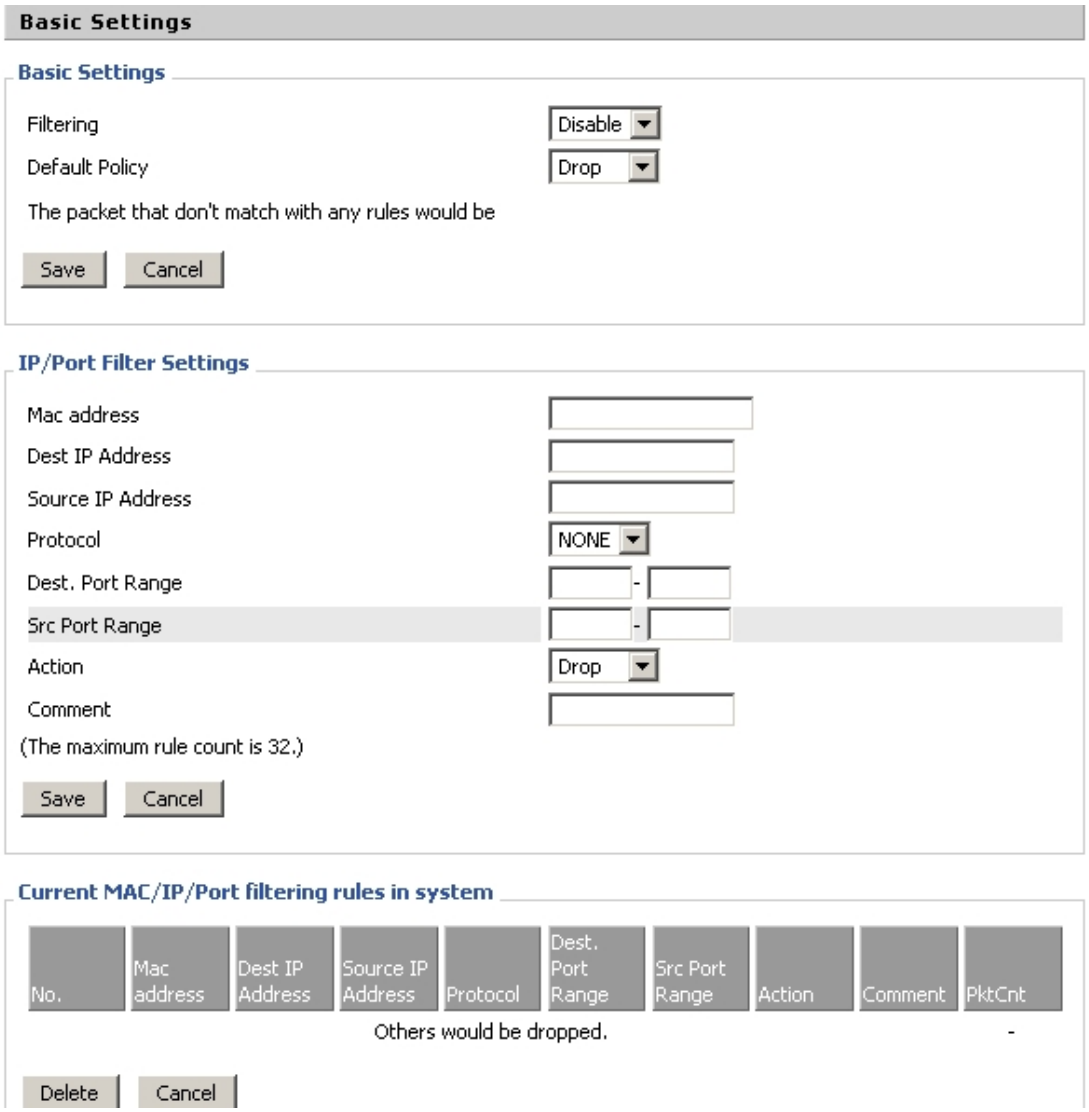
Field Name	Description
TR069 Enable	If or not enable TR069
CWMP	If or not enable CWMP

ACS URL	ACS URL address
User Name	ACS username
Password	ACS password
Periodic Inform Enable	If or not enable the function of periodic inform, default is enable
Periodic Inform Interval	Periodic notification interval, the unit is seconds, default is 43200s
User Name	The username used to connect the TR069 server to the DUT.
Password	The password used to connect the TR069 server to the DUT.
SSL Key	Fill SSL key

5.7 Security

This page can be used to set WAN access settings, firewalls, DMZ, MAC cloning and port mapping settings.

5.7.1 Filter setting



Field Name	Description
Filtering	If or not enable filter function
Default Policy	Choose to give up or accept
Mac address	Add the Mac address filtering
Dest IP address	Dest IP address
Source IP address	Source IP address
Protocol	Select a protocol name, support for TCP, UDP and TCP&UDP
Dest. Port Range	Destination port ranges
Src Port Range	Source port range

Action	You can choose to receive or give up; this should be consistent with the default policy.
Comment	Add callout
Delete	Delete selected item
Reset	Set again

5.7.2 DMZ

Set the DMZ host in the local area network, the host will be fully exposed to the wide area network; unrestricted two-way communication can be achieved. Adding clients to the DMZ may bring local network insecurity, usually we do not recommend using this.

Field Name	Decryption
DMZ Enable	If or not enable DMZ
DMZ Host IP Address	Used to enter the DMZ host IP address

5.7.3 MAC Clone

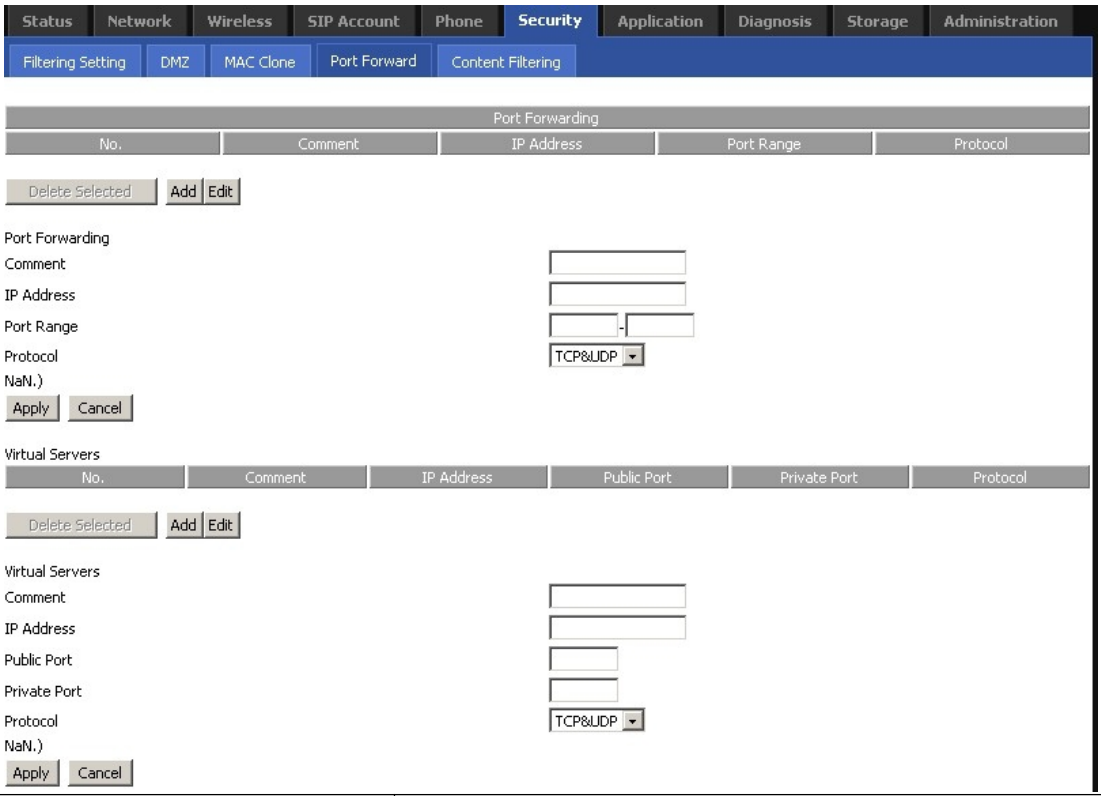
MAC address is the hardware address of the network device. Sometimes the network provider may set the network device's MAC bound to the network accounts. So when the user uses a new home gateway may not pass vendor certifications. In this case, the user can use the MAC clone function to clone your computer's physical address to the device's Internet port.

MAC address is the important parameter of the network device, the user should ensure that the MAC is correct, or the device cannot be used normally.

If you accidentally make the MAC address wrong, the user can login the web via LAN port. And then cloning the right MAC or resume the default settings.

Enabling MAC address cloning
1. Press the button Get Current PC MAC gets PC's MAC address
2. Press the button Save to save your changes if users don't want to use a MAC clone, press the button Cancel to cancel the changes
3. Press the button Reboot to make the changes effective.

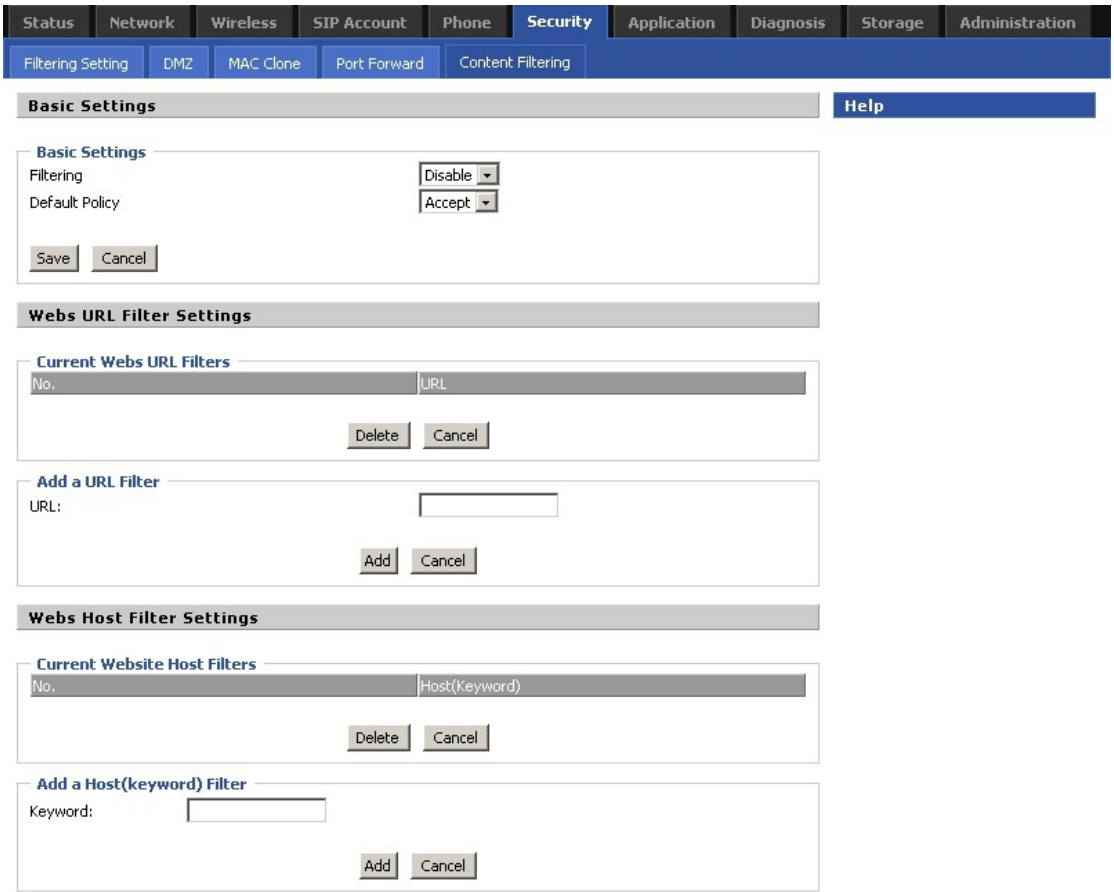
5.7.4 Port forward



Field Name	Description
Port Forwarding	
Comment	Sets the name of a port mapping rule or comment
IP Address	The IP address of devices under the LAN port.
Port Range	Set the port range for the devices under the LAN port. (1-65535)
Protocol	You can select TCP, UDP, TCP & UDP three cases
Apply/Cancel	After finish configurations, click apply, the number will be

	generated under NO. List; click Cancel to if you do not want to make the changes.
Virtual Servers	
Comment	To set up a virtual server notes
IP Address	Virtual server IP address
Public Port	Public port of virtual server
Private Port	Private port of virtual servers ports
Protocol	You can select from TCP, UDP, and TCP&UDP.
Apply/Cancel	After finish configurations, click apply, the number will be generated under NO. List; click Cancel to if you do not want to make the changes.

5.7.5 Content Filtering



Basic Settings	Description

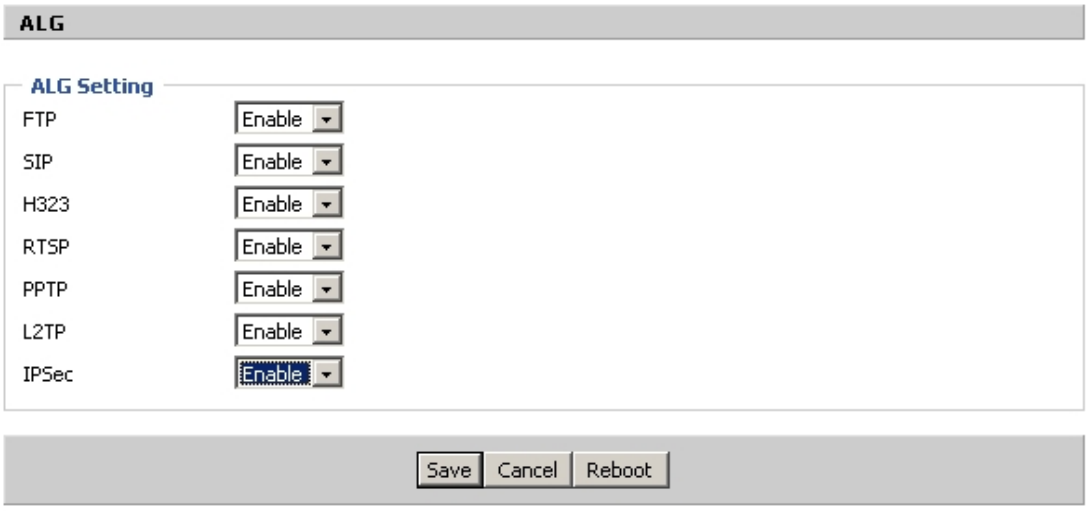
Filtering	If or not enable content Filtering
Default Policy	The default policy is to accept or to prohibit filtering rules
Webs URL Filter Settings	**Description**
Current Webs URL Filters	List the URL filtering rules that already existed (blacklist)
Delete/Cancel	You can choose to delete or cancel the existing filter rules
Add a URL Filter	**Add URL filtering rules**
Add/Cancel	Click adds to add one rule or click cancel.
Webs Host Filter Settings	**Description**
Current Website Host Filters	List the keywords that already exist (blacklist)
Delete/Cancel	You can choose to delete or cancel the existing filter rules the existing keywords.
Add a Host Filter（Keyword）	Add keywords
Add/Cancel	Click the Add or cancel

5.8 Apply

This page is for advanced Nat, UPnP, IGMP, everyday applications, DMS, MLD, a device named WIFI sharing, set up DDNS

5.8.1 Senior Nat

In this page you can Enable or Disable FTP, SIP, H323, PPTP, L2TP, and IPSec Services.

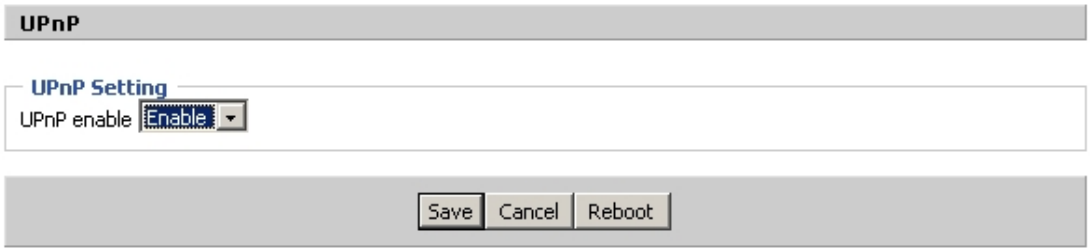


5.8.2 UPnP

UPnP (Universal Plug and Play) support zero setting networking, and can automatically discover a variety of networked devices. UPnP is enabled, allows the device supports UPnP function dynamically access network, obtain an IP address, and convey its performance

information. If the network has a DHCP and DNS server, you can automatically obtain DHCP and DNS services.

Supports UPnP devices can be automatically off the network, the device or other devices on the network without affecting.

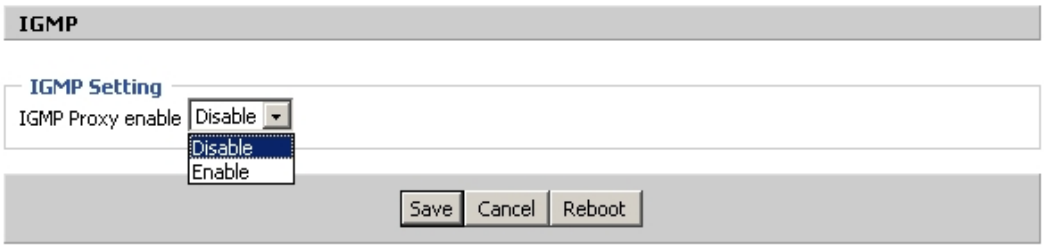


Field Name	Description
UPnP enable	If or not enable UPnP function.

5.8.3 IGMP

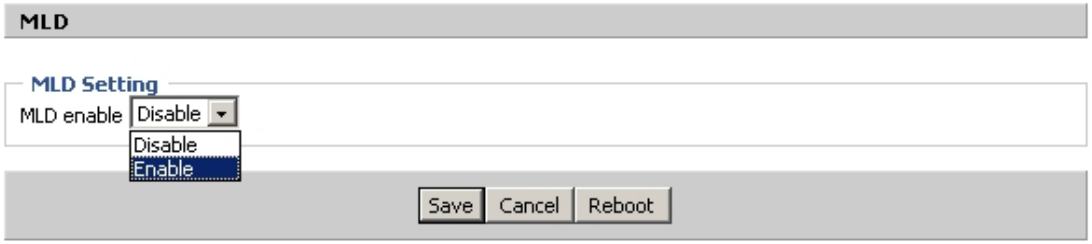
Multicast has the ability to send the same data to multiple devices.

IP hosts use IGMP (Internet Group Management Protocol) report multicast group memberships to the neighboring routers to transmit data, at the same time, the multicast router use IGMP to discover which hosts belong to the same multicast group.



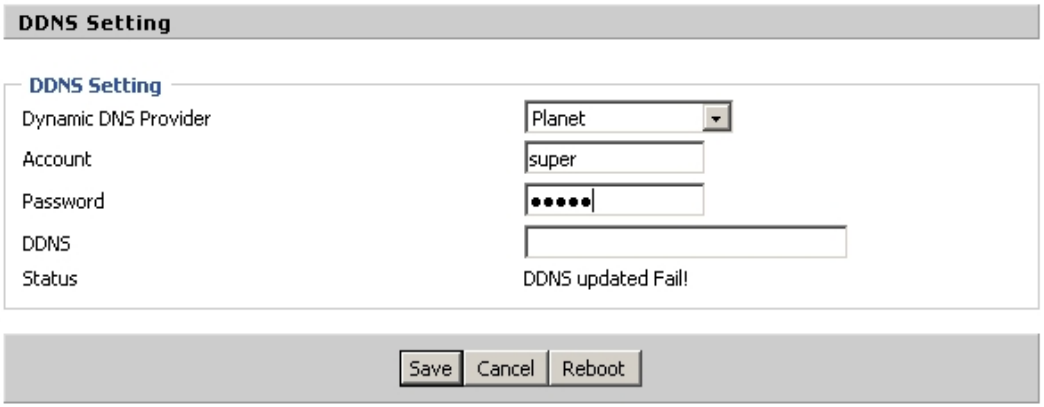
Field Name	Description
IGMP Proxy enable	If or not enable IGMP function.

5.8.4 MLD



Field Name	Description
MLD enable	If or not enable MLD function

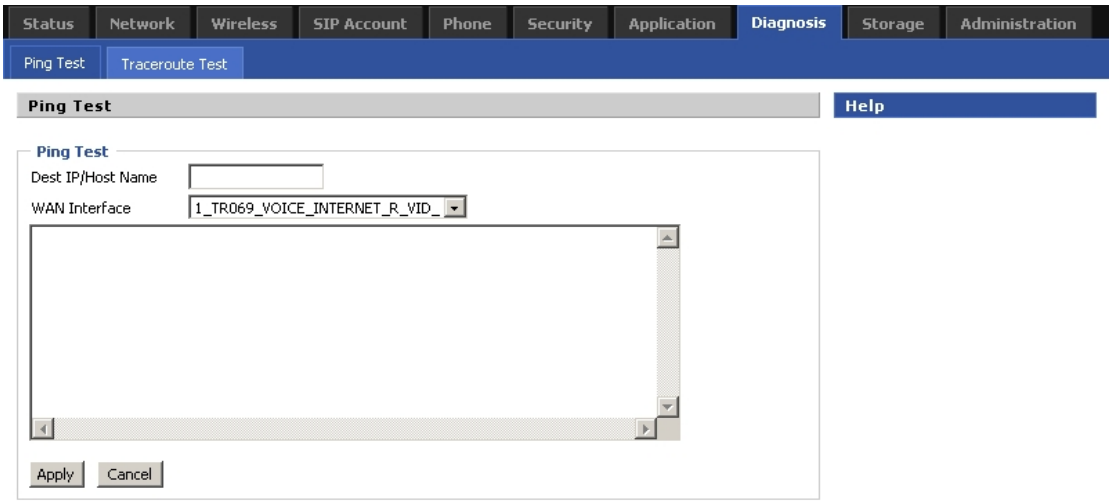
5.8.5 DDNS



Field Name	Description
Dynamic DNS Provider	DDNS is enabled and select a DDNS service provider
Account	Enter the DDNS service account
Password	Enter the DDNS service account password
DDNS	Enter the DDNS domain name or IP address
Status	See if DDNS is successfully upgraded
Apply/Cancel	Apply the changes or cancel changes

5.9 Diagnosis

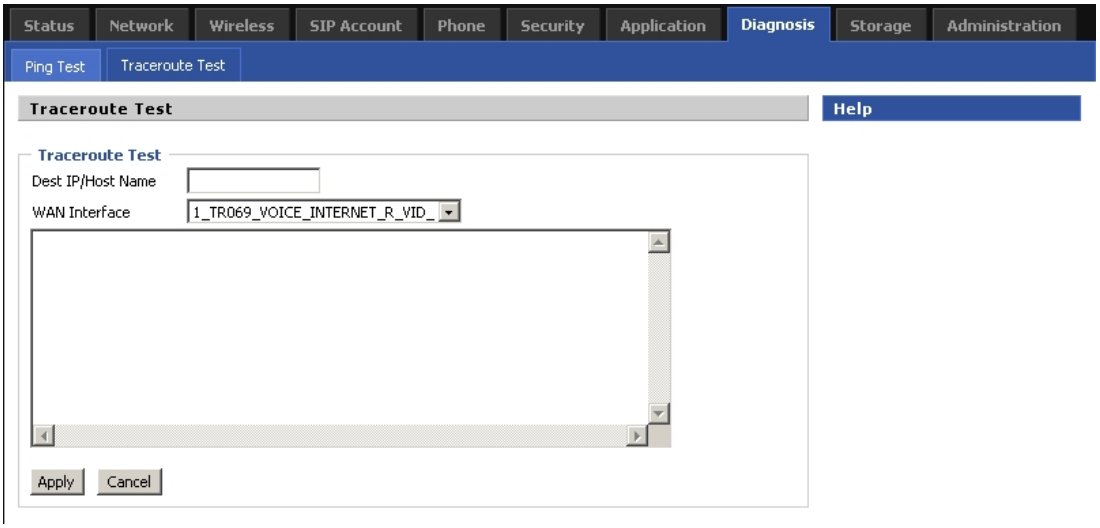
5.9.1 Ping test



Field Name	Description
Dest IP/Host Name	Destination IP or host name

WAN Interface	Select the WAN port name, if you have set up several vlan on WAN; select the name of the one you want to check.
Apply/Cancel	Click Apply to begin the diagnosis or cancel

5.9.2Traceroute Test



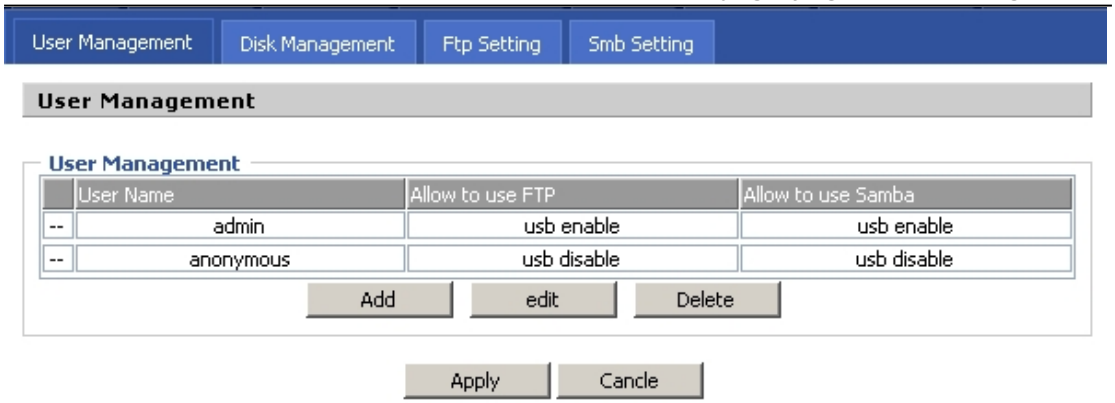
Field Name	Description
Dest IP/Host Name	Dest IP or host name
WAN Interface	WAN Connection
Apply/Cancel	Click Apply to begin the diagnosis or cancel

5.10 Storage

This page allows you to account management, Disk Management, Ftp and Smb settings.

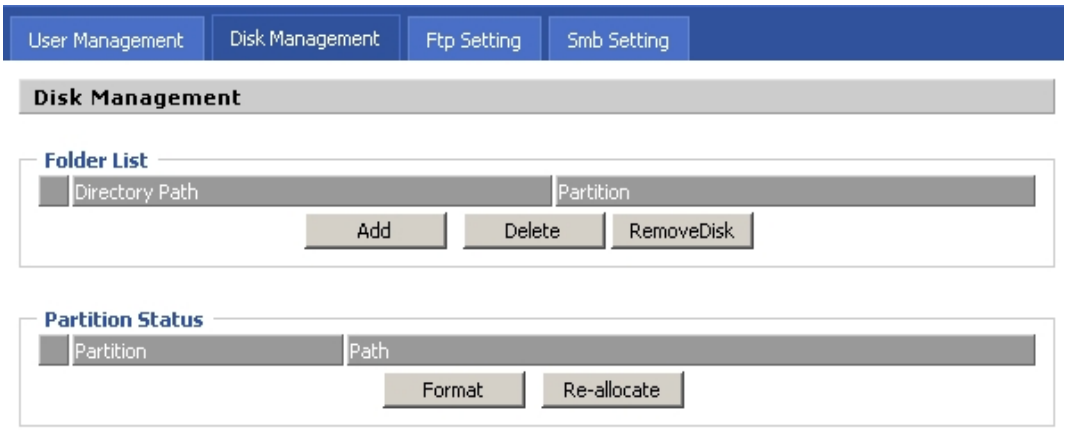
5.10.1 User Management

This page allows you to add, edit, or remove the USB storage device username and password



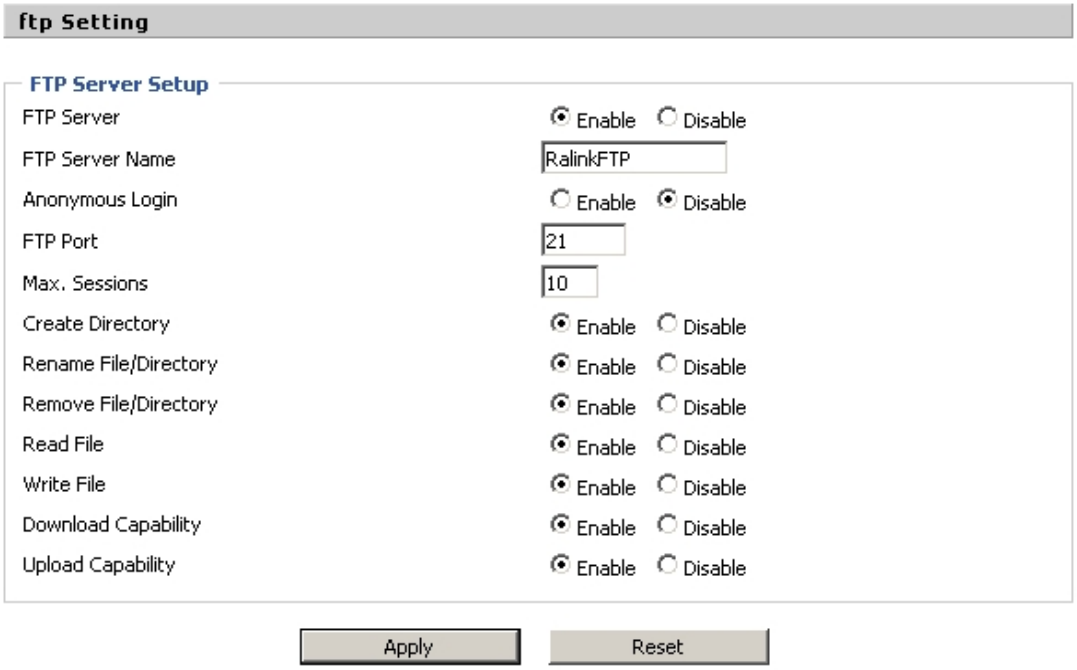
5.10.2 Disk

This page is used to manage the USB storage device.



Field Name	Description
Add	Adding files to the USB storage device
Delete	Remove the USB storage device file
Remove Disk	Transfer files within a USB storage device
Format	Format the USB storage device
Re-allocate	Resetting the USB storage device

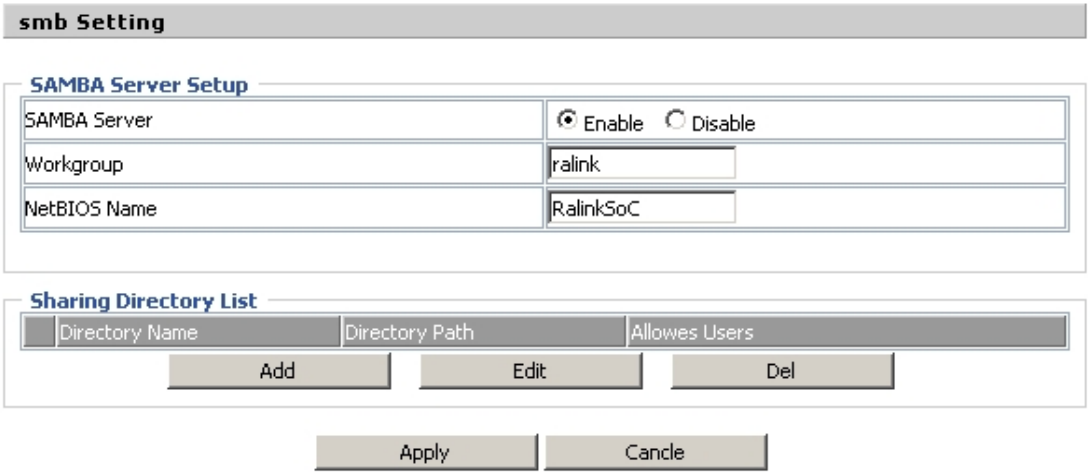
5.10.3 FTP Setting



Field Name	Description
FTP Server	If or not enable FTP server
FTP Server Name	Set the FTP server name
Anonymous Login	If or not support anonymous login
FTP Port	Set FTP server port number
Max. Sessions	Maximum number of connections
Create Directory	If or not enable create directory
Rename File/Directory	If or not enable rename file/directory
Remove File/Directory	If or not enable transfer of files/directories
Read File	If or not enable read files
Write File	If or not enable write files
Download Capability	If or not enable download capability function.
Upload Capability	If or not enable upload capability function

5.10.4 Smb Setting

Smb server can provide file sharing services.



Field Name	Description
SAMBA Server	If or not enable SAMBA server
Workgroup	Fill in the working group
NetBIOS Name	Network basic input/output system name
Add	Add a shared file
Edit	Edit a shared file
Del	Delete a shared file